

~~REGULATIONS~~

**RULES FOR ACCESS DRIVEWAYS  
TO STATE HIGHWAYS**



## ARKANSAS STATE HIGHWAY COMMISSION

~~2016~~2017  
~~1990~~2016

This publication, ~~RULES~~REGULATIONS~~RULES~~ FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS, ~~is was adopted~~is covered by State Highway Commission Minute Order No. 387 of February 25, 1954, and subsequent Commission Minute Orders No. 4161 of June 28, 1961; No. 4964 of February 20, 1963; No. 73-673 of September 26, 1973; No. 76-6 of January 29, 1976; No. 82-273 of August 25, 1982 and; No. 89-101 of March 22, 1989 and No. ~~1617~~16-XXX of ~~November 30, 2016~~January 19, 2017 to govern the uniform design and construction of driveways that will allow adequate, safe and reasonable access to the roads and streets on the State Highway System with a minimum of interference and hazard to highway traffic.

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These rules have been prepared along the guidelines set forth in the American Association of State Highway and Transportation Officials booklet entitled, "GUIDE FOR PREPARING PRIVATE DRIVEWAY REGULATIONS FOR MAJOR HIGHWAYS".

Arkansas State Highway Commission

Dan Flowers  
Scott E. Bennett, P.E.  
Director of Highways and  
Transportation

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## RULES

REGULATIONSRULES FOR ACCESS DRIVEWAYS  
TO STATE HIGHWAYS

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Third Edition.....1973

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Prepared by  
Arkansas State Highway and Transportation Department  
Maintenance Division

## FOREWORD

Pursuant to Ark. Code Ann. § 27-65-107 the Arkansas State Highway Commission is authorized to adopt reasonable ~~rules~~~~regulations~~~~rules~~ for the protection of the traveling public on the State Highway System and in controlling use of and access to the highways, ~~such regulations to~~. Such rules shall have the force and effect of law. The ~~rules~~~~regulations~~~~rules~~ adopted by the Commission allow reasonable access to the highway from abutting property. This manual of ~~rules~~~~regulations~~~~rules~~ governs such reasonable access to all highways, roads and streets under the jurisdiction of the State Highway and Transportation Department (hereinafter designated as Department) except those controlled access facilities to which direct access is denied or limited.

~~It~~~~The~~~~It~~ is the intent of these ~~rules~~~~regulations~~~~rules~~ to provide design standards whereby orderly and safe movements of traffic in and out of ~~private properties abutting the State Highway System~~ may be made in ways which will constitute a minimum of interference and hazard to highway traffic and to control the use of drainage structures and/or other appurtenances necessary to preserve the physical structure of the highway.

If a highway construction or reconstruction project is undertaken which requires the replacement or adjustment of existing access or the establishment of access to abutting property, the access facility will be constructed or reconstructed by the Department in accordance with ~~these regulations and with a quality of material equal to or better than the original driveway~~ the plans and specifications of the construction

project. The cost of the work will be chargeable to the project.

If a need for access, where none formerly existed, develops subsequent to the initiation of construction or reconstruction work on a highway, the abutting property owner-~~or~~, lessee or duly appointed agent must follow the procedure outlined in this manual. The cost of the work will be borne by the ~~Permittee~~~~permittee~~Permittee.

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## **SECTION 1**

### **INSTRUCTIONS FOR SECURING AN ACCESS DRIVEWAY PERMIT**

1. A request for a permit to construct any driveway or to reconstruct any existing driveway shall be made to the District Engineer. See page 11 for The addresses of the District Offices, are shown on the next page 11Page 311.
2. A brief description of the proposed work shall be included in the request ~~together~~ along with the location of the work. The name, address and telephone number of the ~~applicant~~ Applicant shall also be included.
3. Upon receipt of this request, the District Engineer will arrange for a meeting of the ~~applicant~~ Applicant with a representative from the District Office, at which time details of the proposed work will be discussed and the official access driveway permit forms will be prepared for processing.
4. The access driveway permit form along with any necessary drawings and ~~deposit~~ Deposit or bondBond, if required, shall be submitted to the District Engineer for approval. (If the Driveway permit requires a bond then the Districts and Divisions will follow procedures outlined on Page 2.)
5. Following approval of the permit, copies will be forwarded to the Applicant and the Area Foreman and the Fiscal Services Division Maintenance Supervisor.
6. **NO WORK SHALL BE UNDERTAKEN ON STATE HIGHWAY RIGHT-OF-WAY UNTIL THE PERMIT HAS BEEN APPROVED ISSUED BY THE ENGINEER.**

**Procedures for all Districts and Divisions to follow when processing bonds  
(This Page is for Internal Information Only)**

- **Cash Bond** (Check, Money Order, Cash, etc.). Cash Bonds will be forwarded to the Fiscal Services Division. The District will issue the permit to applicant and send a copy (permit only no plans) to Fiscal Services. No copies will be sent to the Utilities Section. The permittee will perform the approved work and then request a release. The District will review the job site to ensure all work was performed in compliance with Department policy. The District will notify Fiscal Services of the release. Fiscal Services will return the deposit to permittee with copy to District. If the permittee does not request a release within one year of issuance of the permit then the District will contact the permittee. **Cash Bonds are not transferable.**
  
- **One Time Bond** (Bond from Bonding Company for use on a specific permit). A One Time Bond shall remain in effect for the life of the permit. The District will issue the permit. The District will hold this bond in the District Office. (NOTE: No copies of the bond and/or permit should be forwarded to the Utilities Section or Fiscal Services.) The permittee will perform the approved work and then request a release. The District will review the job site to ensure all work was performed in compliance with Department policy. Upon release, the District will return the original One Time Bond to permittee. If the permittee does not request a release within one year of issuance of the permit then the District will contact the permittee.  
  
If the District is notified the One Time Bond has been cancelled or expired the District should immediately notify the permittee that the permit will be cancelled unless the One Time Bond is renewed or replaced.
  
- **Standing Bond** (Bond on file in the Utilities Section Data Base). The permittee can provide notice that the bond will be charged against an existing standing bond or the permittee may forward the standing bond to the District with the application, or to the Right of Way Division, Utilities Section. If the standing bond is forwarded to the District, then the District will send the standing bond to the Right of Way Division, Utilities Section. The District will issue the permit with a copy to the Utilities Section (permit only no plans) to apply the permit number and bond amount against the standing bond. The permittee will perform the approved work and then request a release. The District will review the job site to

ensure all work was performed in compliance with Department policy. Upon release, the District will notify the Utilities Section that specific permit number and bond amount can be released against Standing Bond. If the permittee does not request a release within one year of issuance of the permit then the District will contact the permittee.

2.7. All access driveway permits will be issued using the Statewide Permit System.

8. Prior to issuing an access driveway permit, the District Engineer must check the Statewide Permit System for additional rules-rules as required under an the Access Management Agreement.

9. (a) If an Access Management Agreement is in place between the Department and the jurisdiction covering the location of the proposed work, the request for a permit shall include, in addition to the requirements set out in this Section, a copy of an approval or permit issued by the appropriate jurisdictional authority. Failure to provide a copy of a the required approval or permit shall be grounds for denial.

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(b) If an approval or permit issued by the appropriate jurisdictional authority is submitted with the request for permit under 9(a), the request and approval or permit will be reviewed to confirm that the request complies with the terms of the existing Access Management Agreement.

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10. (a) A request for an Access Management Agreement shall be submitted to the Department's Department Division Head for Transportation and Planning and Policy. To be considered the request must be accompanied by documentation establishing a formal adoption of the proposed Agreement by the governing body of all jurisdictions affected by the proposed Agreement.

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(Bb) The proposal will be reviewed and either submitted to the Arkansas Highway Commission for adoption and authorization to enter into the agreement Agreement, or returned for modification. If returned for modification, any subsequent request must be accompanied by documentation establishing a formal adoption of the revised Agreement by the governing body of all jurisdictions affected by the proposed Agreement. No Access Management Agreement will be considered effective until adopted by the Commission and signed by the Department.

## SECTION 2

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### APPEAL PROCESS

#### Appeal Process

#### 2.0 General Procedures~~GENERAL PROCEDURES~~

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~~If an applicant~~ Applicant is denied a permit, he or she may file a written appeal with the District Engineer within sixty (60) days from the notice of denial requesting an administrative hearing in accordance with Ark. Code Ann. § 25-15-201 *et seq.* of the Arkansas Administrative Procedure Act ("APA"). All hearings shall be presided over by the Director or Director's designated Administrative Hearing Officer at the Department's Central Offices, located in Little Rock, and shall be conducted in an orderly manner.

The appellant shall have the right to appear in person at the hearing, to be represented by counsel, to have an interpreter, to present such documentary, oral or other evidence as he or she may have in support of his or her position, to cross-

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examine witnesses, and to present argument on all issues involved. The appellant shall also have the right to inspect and copy all records, except for those specifically exempt from disclosure under the Arkansas Freedom of Information Act, relevant to his or her appeal. The Department may impose costs of actual reproduction for, copies, and reasonable conditions on the appellant's right to inspect, consistent with applicable laws.

## **2.1— Notice Requirements**

The appellant shall be given written notice of a hearing within ten (10) business days from the date of appeal and such notice will include the following:

2.1.1.— A statement of the time, place, and nature of the hearing;

2.1.2.— A statement of the legal authority and jurisdiction under which the hearing is to be held; and

2.1.3.— A short and plain statement of the matters of fact and law asserted.

## **2.2—2 Conduct of Hearing**

2.2.1.—1 The Hearing Officer is responsible for conducting the hearing in accordance with the APA and all other applicable laws, including but not limited to, the Arkansas Rules of Civil Procedure regarding any discovery. The duties of the Hearing Officer include maintaining the decorum of the hearing and may refuse to admit, or may expel, anyone whose conduct is disorderly. He or she is also charged with administering oaths or affirmations of witnesses, ruling on motions and objections, and admitting or denying evidence into the record.

2.2.2: The hearing is a proceeding open to the public subject to state and federal confidentiality laws and rules. An appellant may waive his or her right to confidentiality, but may not waive another's right to confidentiality.

2.2.3: The hearing shall be recorded by a Commission appointed court reporter. If the decision of the Hearing Officer is appealed, the Department will prepare a transcript or cause a transcript to be prepared for filing in the circuit court as provided in Ark. Code Ann. § 25-15-212.

## **2.3 Rendering of Decisions**

2.3.1: In rendering a decision to affirm or reverse the District Engineer's decision, the Hearing Officer shall review the evidence, testimony, documents, and any other matters presented at the hearing and thereafter render a decision.

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2.3.2- The decision of the Hearing Officer shall be reduced to a final order-Order containing findings of fact and conclusions of law, separately stated, in accordance with Ark. Code Ann. § 25-15-210(b)(2). Findings of fact shall be based exclusively on the evidence and on matters officially noticed.

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2.3.3- The Parties shall be served either personally or by mail with a copy of the Order.

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2.3.4- Any Order of the Hearing Officer shall constitute the final agency determination for purposes of judicial review under Ark. Code Ann. § 25-15-212.

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## **2.4 Judicial Review**

2.4.1- In accordance with the APA, the appellant shall be advised in writing of his or her rights to seek judicial review of an adverse decision by filing a petition in circuit court within thirty (30) days after service of the Order.

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2.4.2- Upon proper service of a petition for appeal, the Department shall have thirty (30) days to prepare and transmit to the reviewing court the original or a certified copy of the entire record of the proceeding under review.

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2.4.3 In accordance with the APA, the cost of the preparation of the record shall be borne by the Department. However, the Department shall be entitled to recover from the appellant the actual cost of reproducing each copy of the transcript if it is the prevailing party.

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## **SECTION 3**

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### **ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT**

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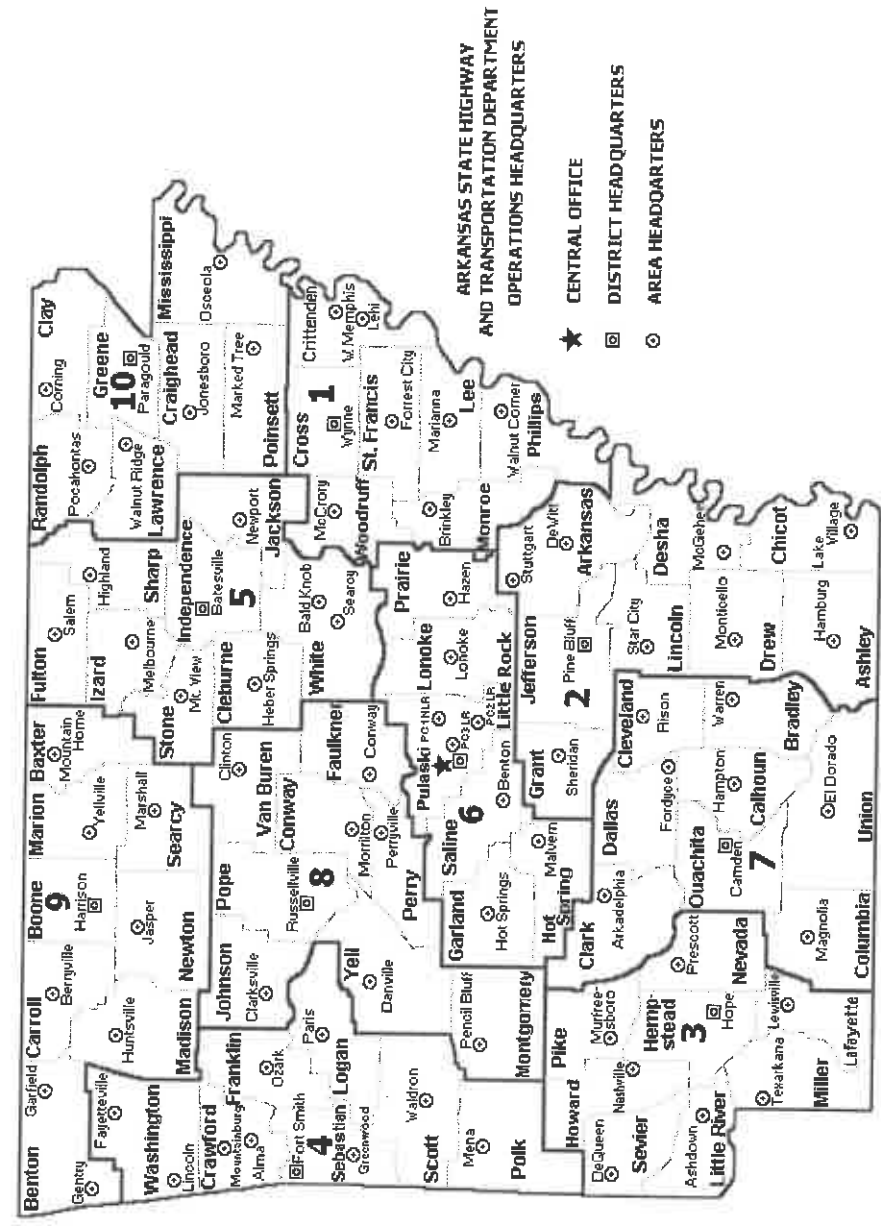
#### **DISTRICT OFFICES**

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DISTRICT ONE WYNNE	District Engineer 2701 U S 64 West P. O. Box 278 Wynne, Arkansas 72396-0278	870-238-8144
DISTRICT TWO PINE BLUFF	District Engineer 4900 Highway 65 South P. O. Box 6836 Pine Bluff, Arkansas 71611-6836	870-534-1612
DISTRICT THREE HOPE	District Engineer 2911 Highway 29 North	870-777-3457

	P. O. Box 490 Hope, Arkansas 71802-0490	
DISTRICT FOUR	District Engineer	479-646-5501
FORT SMITH	808 Frontier Road	
FORT SMITH	4019 Tewson Avenue	
		P.O. Box
	<del>11170-142411170</del>	
	Fort Smith, Arkansas <del>7291772902-142472917-1170</del>	
DISTRICT FIVE	District Engineer	870-251-2374
BATESVILLE	1673 Batesville Blvd. P. O. Box 2376 Batesville, Arkansas 72503-2376	
DISTRICT SIX	District Engineer	501-569-2266
LITTLE ROCK	8900 Mabelvale Pike P. O. Box 190296 Little Rock, Arkansas 72219-0296	
DISTRICT SEVEN	District Engineer	870-836-6401
CAMDEN	2245 California Ave. P. O. Box 897 Camden, Arkansas 71711-0897	
DISTRICT EIGHT	District Engineer	479-968-2286
RUSSELLVILLE	372 Aspen Lane P. O. Box 70 Russellville, Arkansas 72811-0070	
DISTRICT NINE	District Engineer	870-743-2100
HARRISON	4590 Highway 65 P. O. Box 610 Harrison, Arkansas 72602-0610	
DISTRICT TEN	District Engineer	870-239-9511
PARAGOULD	2510 Highway 412 West P. O. Box 98 Paragould, Arkansas 72451-0098	



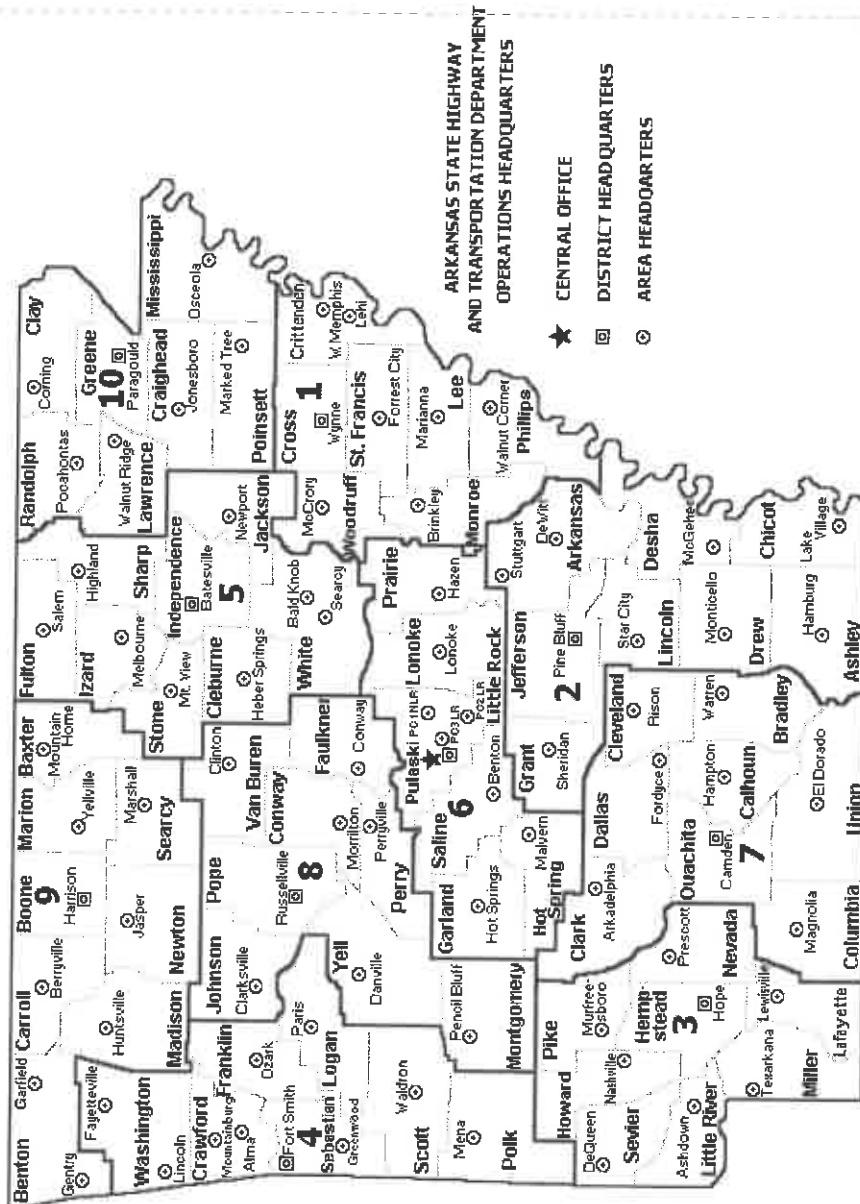
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**DISTRICT MAP**  
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### District Map

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**SECTION 5**  
**SECTION 5**

**DEFINITIONS**

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When in these rules the following regulations rules the following terms, abbreviations, or pronouns in place of them, are used, including abbreviations or pronouns, the intent and meaning shall be interpreted as follows:

5.1 **Administrative Procedure Act (APA):** The governing authority, as codified in Ark. Code Ann. § 25-15-201 et seq., for the adjudication of an administrative proceeding.

5.2 **Appeal Process** – A formal process provided for an Appellant to request, in writing, an administrative hearing pursuant to the APA.

5.3 **Appellant:** The Applicant seeking an appeal of the District Engineer's decision denying a request for a permit under these rules.

5.4 **Applicant:** The owner or lessee duly authorized agent representative of the owner, i.e. Contractor contractor, Consulting consulting Engineer engineer or Lessee lessee. The person who has the legal right to possession and control of the property abutting adjoining abutting the Right right-of-Way way and is in the process of securing an Access Driveway Permit from the Department.

5.5 **Deposit or Bond:** Security Surety Security Deposit or Right of Way right-of-way Bond bond. An approved form of security guaranteeing the completion of the permit provisions of the permit and compliance with the Rules Regulations Rules for Access Driveways to State Highways. This could be in the form of a Cash Bond, One Time Bond, or Standing Bond.

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5.6 **Commission:** The Arkansas State Highway Commission.

5.7 **Department:** The Arkansas State Highway and Transportation Department.

~~Deposit or Bond – Security Deposit or Surety Bond. An approved form of security guaranteeing the completion of the provisions of the permit and compliance with the Regulations for Access Driveways to State Highways.~~

5.8 **Director:** The Director of State Highways and Transportation.

5.9 **Engineer:** The District Engineer, a professional engineer who is responsible for engineering supervision of the District and who is acting as the duly authorized representative of the Chief Engineer Deputy Deputy Director and Chief Engineer.

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5.10 **Frontage:** Frontage is that portion of the ~~Permittee's~~ grantee's property lying between the two most distant possible lines drawn perpendicular from the centerline of the highway to the ~~Permittee's~~ grantee's ~~permittee's~~ ~~Permittee's~~ abutting property.

5.11 **Hearing Officer** – A Department employee who is appointed by the Director as the designee to preside over the appeal hearing.

5.12 **MUTCD:** The Manual on Uniform Traffic Control Devices for Streets and Highways.

5.13 **Order** – A final agency determination that may be appealed to a circuit court under the APA.

5.14 **Permittee:** The owner, lessee or his duly authorized agent. The person who ~~who~~ is responsible for compliance with the permit provisions.

**MUTCD:** The Manual on Uniform Traffic Control Devices for Streets and Highways.

5.15 **Permit:** Access Driveway Permit: ~~A duly executed agreement~~ ~~granting permission to construct, make dimensional changes or relocate~~ ~~modify~~ ~~relocate~~ an access driveways pursuant to the Rules ~~Regulation~~ Rules for Access Driveways to State Highways. ~~This work may include other minor work such as sidewalks, curb and gutter, and minor drainage structures.~~

5.16 **Safety Zone:** All parts of the highway ~~Right~~ ~~right-of-Way~~ ~~way~~ between the curb or shoulder line and the ~~Right-of-Way~~ ~~right-of-way~~ line along the ~~Permittee's~~ grantee's ~~permittee's~~ ~~Permittee's~~ property frontage, except the areas contained in the access driveway, shall be a Safety Zone.

~~Grantee~~ – The owner or lessee. The person who is responsible for compliance with the permit provisions.

5.17 **Special Permit:** A ~~letter type permit with a~~ Special Permit Number used ~~whenever the permit includes other major work within the Right~~ is issued for work on Arkansas State Highway & Transportation Department ~~right-of-Way in addition to the way that is not an access driveway, such as additional lanes, traffic signals, major drainage structures, etc.~~ Special Permits will be issued by ~~use of~~ through the Statewide Permit System.

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## **SECTION 6**

### **REQUIREMENTS FOR COMMERCIAL DRIVEWAYS**

#### **6.1 GENERAL**

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6.1.1 A Commercial Driveway is defined as ~~an entrance to and/or exit from,~~ access to and from any commercial business, housing subdivision or public establishment adjoining a State Highway.

6.1.2 A permit shall be obtained from the Department for all access driveways on State Highways. Within incorporated ~~cities~~ ~~cities or counties~~ ~~it or counties~~, it will ~~will~~ be necessary for ~~the~~ ~~A~~ ~~the~~ ~~applicant~~ ~~may be required~~ to satisfy the requirements of the city and/or county to obtain ~~local, city or county requirements in addition to obtaining a permit from~~ the Department. The city's or county's requirements must meet or exceed ~~the requirements of this manual.~~

**NO WORK SHALL BE UNDERTAKEN PERFORMED ON STATE HIGHWAY RIGHT-OF-WAY UNTIL PRIOR TO APPROVAL OF UNTIL THE PERMIT HAS BEEN ISSUED BY THE ENGINEER.**

6.1.3 The ~~Permittee~~ ~~grantee~~ ~~permittee~~ ~~Permittee~~ shall fully protect the traffic on the highway during construction covered hereunder by proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, and ~~to~~ hold harmless the ~~State Highway Commission, the Department, and its duly appointed agents, officers and employees, from~~ all damages, expenses, claims or liability arising out of any alleged damages of any nature to any person or property due to the construction, performance or non-performance of work or existence of a driveway.

6.1.4 The ~~Permittee~~ ~~grantee~~ ~~permittee~~ ~~Permittee~~ shall not erect any sign, flag, or other identifying marker, for the purpose of attracting attention to the site, either fixed or moveable, on or extending over any portion of the highway ~~Right-right-of-Way-way~~. Anyone erecting such sign, flag or identifying marker is in violation of Ark. Code Ann. § 27-67-304.

6.1.5 The ~~Permittee~~ ~~grantee~~ ~~permittee~~ ~~Permittee~~ shall maintain all existing highway, street, and county road regulatory, warning, guide and informational signs in an effective location at all times for the duration of the work and shall install them at the correct location upon completion of the work. Any signs damaged by the ~~Permittee~~ ~~grantee~~ ~~permittee~~ ~~Permittee~~ shall be replaced at no cost to the ~~state~~ Department.

6.1.6 Applications for permits shall be made by the owner or duly authorized

representative of the owner, i.e. ~~Contractor~~contractor, ~~consulting contractor, engineer~~Contractor, Consulting Engineer ~~engineer~~ or lessee, who shall ~~have the authority to~~ represent all parties' interests. Such permits shall be only for the bona fide purpose of constructing or modifying access to the property and not for the purpose of parking, servicing, or loading and unloading vehicles on the State Highway Right ~~right-of-Way~~way.

- 6.1.7 Permits for initial construction or for modification of commercial driveways shall have a ~~deposit~~Deposit or bond ~~Bond~~ in the ~~minimum~~ amount of 5% of the estimated project cost or a minimum of ~~\$1500~~\$750~~1,000.00~~ per driveway. **THE deposit or BOND SHALL BE PREPARED IN THE SAME NAME AS THE PERMIT.** ~~Deposits or Bond~~Bonds ~~Bonds~~ may be waived on permits for governmental entities. The ~~deposit~~Deposit or bond ~~Bond~~Cash bonds ~~bond~~ will be refunded upon satisfactory completion of the work covered by the permit.

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~~Proposed Commercial Driveways, that include such items of work as turn lanes, traffic signals, or major drainage structures, shall be handled by Special Permit. The bond amount in those cases should be estimated at 5% of the work being performed on the Right of Way, but not less than \$750.~~

- 6.1.8 Commercial driveway permits will have an expiration date of ~~1~~ one year from date of issue. If no work has begun at the expiration date, the permit may be revoked and the deposit returned.

- 6.1.9 At the expiration date, if the work has not been completed in accordance with the permit, the ~~Permittee~~grantee ~~permittee~~Permittee will be notified by certified mail, with an explanation of non-compliance. If the driveway does not comply in 30 days, the permit will be revoked, the ~~D~~deposit or ~~bond~~Bond forfeited, and the driveway ~~may be~~ removed.

- 6.1.10 —The ~~Permittee~~grantee ~~permittee~~Permittee may elect to ~~apply~~request ~~apply~~ for a new permit, ~~prior to removal of the driveway.~~ If ~~at this request a new permit is issued~~granted~~issued~~, the original permit will be revoked and a new permit issued with a minimum of twice the original ~~deposit~~Deposit or bond ~~Bond~~.

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- 6.1.11 —The Engineer may grant written extensions up to 6 months to those in ~~non-compliance for a reasonable period as he or she deems necessary, based on the showing of good cause by the~~ ~~Permittee~~grantee ~~permittee~~Permittee, but for no longer than 6 months.

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## **6.2 DESIGN**

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#### a.6.2 GENERAL

6.2.1 All parts of access driveways on highway ~~Right right-of-Way-way~~ shall be confined within the ~~Permittee's grantee's permittee's~~ Permittee's property frontage.

6.2.2 No changes to partial or fully controlled access facilities will be considered except by written authorization of the Department's ~~Deputy Director and~~ Chief Engineer.

6.2.3 All parts of any access driveway, including the radii, shall be a minimum of 10' ~~feet~~ inside the adjoining property frontage in rural locations and shall be a minimum of 5' ~~feet~~ in urban locations, except as provided in ~~Paragraph "h". section 6.9.~~

6.2.4 On all paved highways, commercial drives shall be surfaced from the normal edge of pavement to a minimum distance of 20' ~~feet~~ or to the ~~Right right-of wayWayway~~ line, whichever is less, with concrete or asphalt surfacing. ~~On non surfaced roadways, the drives will not be required to be surfaced.~~

#### b.6.3 LOCATION

6.3.1 ~~Access driveways shall be located to provide adequate sight distances and safety for highway users. If adequate sight distance cannot be provided, some movements at the driveway may be prohibited or access denied.~~

6.3.2 ~~Frontages of 50' feet or less shall be limited to one driveway. Normally, no more than two driveways shall be allowed for any single property tract or business establishment. An exception may be made when the frontage approaches 600 feet, if approved by the Engineer.~~

#### 6.4 INTERSECTIONS

~~6.4.1 At any intersection of a State Highway with another highway, road, or street, access driveways shall be prohibited for a sufficient distance from the intersection to preserve the normal and safe movement of traffic through it, and the distance shall be not less than the intersecting street return radius.~~

#### 6.5 GEOMETRICS

#### e. INTERSECTIONS

~~At any intersection of a State Highway with another highway, road, or street,~~

access driveways shall be prohibited for a sufficient distance from the intersection to preserve the normal and safe movement of traffic through it, and the distance shall be not less than the intersecting street return radius.

#### d. GEOMETRICS

6.5.1 Radii for all commercial access driveways in urban areas shall be not less than 5' feet and in rural areas the radii shall be not less than 10' feet, except as provided in S section 6.9, paragraph "h".

6.5.2 The width of access driveways shall not exceed 40' feet measured at right angles to the centerline of the driveway, except as increased by permissible radii or as provided in S section 6.9, paragraph "h". The minimum width shall be 15' feet on a one-way lane driveway drive and shall be 24' feet on a two-way lane driveway drive.

6.5.3 The angle of access driveways from the pavement shall generally be 60 degrees to 90 degrees.

6.5.4 The distance from the right Right of way Way line to the near edge of service pumps, vendor stands, tanks, or water hydrants shall be a minimum of 15 feet. To permit allow free movement of large vehicles and, in certain instances, to insure that they be entirely off highway right Right of way Way while being serviced, a greater distance is recommended.

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#### 6.6 e. DRAINAGE

6.6.1 ~~Drainage in highway side ditches shall not be altered or impeded. When drainage structures are required, the size of the opening, the length and the other design features shall be approved by the Engineer, and in all cases the structure shall be no smaller than an 18" inches diameter or equivalent pipe culvert. Pipe culverts/culvert shall be corrugated metal, reinforced concrete pipe or other Department approved pipe, a minimum of 24' 24 feet in length in length for one lane access drive and 32' in length for two lane access drive and shall have no hazardous headwalls or other hazards constructed upon it. Pipe installation in excess of 100' feet 100' will require drop inlet or other cleanout provisions. The owner may be required to provide a drainage study. No driveways shall be constructed with swale type ditches for drainage unless there is no other alternative and an exception is approved by the Engineer.~~

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#### 6.7 PROFILE GRADE

6.7.1 The grade on of the driveway shall be so constructed as to conform to the slope of the roadway shoulder from the edge of the traveled lane to the edge of the shoulder. Preferably, the profile grade of the driveway shall be constructed so that the water will not drain onto the traveled surface.

#### 6.8 g. SAFETY ZONES

6.8.1 All parts of the highway right of way between the curb or shoulder line and the Right of Way line along the Permittee's grantee's property frontage, except the areas contained in the access driveway, shall be a Safety Zone. Generally, the Safety Zone between driveways should be a minimum of one third the length of the property frontage but not less than 25 feet in length except as provided in Section 6.9 paragraph "h". Curbs and/or islands shall be installed by the Permittee grantee as may be necessary to prohibit vehicle parking and access in Safety Zones. Curbs shall be asphalt or concrete not less than 6 inches and no more than 12 inches in height. The curb nearest the traveled lanes shall not be less than 22' 10' from the center of the pavement edge of the nearest travel lane or shall be aligned with existing curbs or shoulder lines but not less than 4 feet from the travel lane. The Engineer may require a greater distance when it is necessary to preserve the safety and utility of the highway or to conform to proposed improvements.

6.8.2 The Safety Zone may be filled in, provided the drainage structure underneath the filled in area fill is adequate to carry the design flow of water in the highway side ditches, and in no case less than the size of the structure required for the driveway.

#### 6.9 h. EXCEPTIONS

6.9.1 The Engineer may authorize or require changes in the design when necessary to preserve the normal and safe movement of traffic or to permit reasonable access. In consideration of type, speed, and volume of highway traffic and access driveway traffic, larger radii than the minimum may be required. When physical factors make it impractical to obtain reasonable access within these requirements, appropriate variations may be authorized, provided that in all cases radii are confined to the Permittee's property frontage and are not less than 2-1/2 feet, the island between driveways is not less than 10 feet long, and the driveway widths do not exceed 48 feet.

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## 6.10 CONSTRUCTION

6.10.1 The Permittee shall furnish and install all materials, including fill material, surfacing and drainage structures. All materials used must comply with the requirements contained in this manual and/or specified by the Engineer. The Permittee shall perform all work in connection with the construction of access driveways and their appurtenances on the Right of Wayright-of-way. However, the Department may assist by establishing flow line grades for drainage structures and finish grades for driveway surfaces or such other comparable assistance, which the Engineer may agree to perform.

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## 6.11 MAINTENANCE

6.11.1 The Department will provide routine maintenance shoulder width, or a minimum of 4' feet adjacent to the edge of the travel lane, across commercial drives. The Permittee shall make provisions for the removal of any debris such as mud, tree limbs, bark, etc. resulting from operations from the roadway surface. Any time a hazard is created, the correction of the hazardous condition must be made immediately.

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6.11.2 Any maintenance or improvement to the surfacing or drainage structure of a commercial driveway will be the responsibility of the Permittee. **ANY DIMENSIONAL CHANGE OR RELOCATION OF THE DRIVEWAY WILL REQUIRE AN APPROVED PERMIT FROM THE DEPARTMENT.** This includes any driveway approach or other improvement constructed on the right-of-way.

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6.11.3 The Department reserves the right to inspect driveways at all times and to require such maintenance and repairs as may, at any time, be considered necessary. If the driveway is not properly maintained by the Permittee and becomes a hazard, it will be removed.

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## **SECTION 7**

### **REQUIREMENTS FOR NON-COMMERCIAL DRIVEWAYS**

#### **7.1 GENERAL**

~~7.1.1-1.1 — Non commercial driveways are defined as driveways adjoining a State Highway to provide entrance to and/or exit from private property for the exclusive use and benefit of the owner or lessee, and driveways for farms or ranches, churches, schools, non commercial cemeteries and other non commercial public access.~~

~~7.1.2 A permit shall be obtained from the Department for all non commercial access driveways on State Highways. Within incorporated cities it will be necessary for the Applicant to satisfy the requirements of the city and to obtain a permit from the Department. The city's requirements must meet or exceed the requirements of this manual.~~

~~**NO WORK SHALL BE UNDERTAKEN ON STATE HIGHWAY RIGHT-OF-WAY UNTIL THE PERMIT HAS BEEN ISSUED BY THE ENGINEER.**~~

~~7.1.3 The Permittee shall fully protect the traffic on the highway during construction covered hereunder by proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, and to hold harmless the State Highway Commission, the Department, and its duly appointed agents, officers and employees, from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any person or property due to the construction, performance or non-performance of work or existence of a driveway.~~

~~7.1.4 -The Permittee shall not erect any sign, flag or other identifying marker, for the purpose of attracting attention to the site, either fixed or moveable, on or extending over any portion of the highway right-of-way. Anyone erecting such sign, flag or identifying marker is in violation of Ark. Code Ann. § 27-67-304.~~

~~7.1.5 -The Permittee shall maintain all existing highway, street, and county road regulatory, warning, guide and informational signs in an effective location at all times for the duration of the work and shall install them at the correct location upon completion of the work. Any signs damaged by the Permittee shall be replaced at no cost to the Department.~~

~~7.1.6-1.6 —Applications for permits shall be made by the owner or duly authorized representative of the Ownerowner, i.e. Contractorcontractor, Consulting consulting Engineer engineer or Lesseelessee, who shall have~~

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the authority to represent all parties' interests. Such permits shall be only for the bona fide purpose of constructing or modifying access to the property and not for the purpose of parking, servicing or loading and unloading vehicles on the State Highway right-of-way.

7.1.7 Permits for non-commercial driveways will not require a bond. When requests are made for more than one non-commercial driveway, a bond may be required.

7.1.8 Non-commercial driveway permits will have an expiration date of one year from date of issue. If no work has begun at the expiration date, the permit may be revoked and any bond returned.

7.1.9-9 -At the expiration date, if the work has not been completed in accordance with the permit, the Permittee will be notified by certified mail, with an explanation of non-compliance. If the driveway does not comply in 30 days, the permit will be revoked.

~~7.1.10-10~~ The Permittee may elect to apply for a new permit. If a new permit is issued, the original permit will be revoked and a new permit issued.

~~7.1.11-11~~ The Engineer may grant written extensions up to 6 months to those in non-compliance for a reasonable period as he deems necessary, based on the showing of good cause by the Permittee, but for no longer than 6 months.

## **7.2 DESIGN**

### **7.2-2 GENERAL**

7.2.1-1 All parts of access driveways on highway right-of-way shall be confined within the Permittee's property frontage.

~~7.2.2-2~~ No changes to partial or fully controlled access facilities will be considered except by written authorization of the Department's Chief Engineer Deputy Director and Chief Engineer.

7.2.3-3 All parts of any access driveway, including the radii, shall be a minimum of 10' feet inside the adjoining property frontage in rural locations and shall be a minimum of 5' feet in urban locations, except as provided in -Section 7.9.

7.2.4 Access driveways located on curbed highways must be constructed in accordance with Standard Drawing DR-1 as shown on page 42.

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### 7.3-3 LOCATION

7.3.1-1 Access driveways shall be located to provide adequate sight distances and safety for highway users. If adequate sight distance cannot be provided, some movements at the driveway may be prohibited or access denied.

7.3.2-2 Frontages of 50' feet or less shall be limited to one driveway. Normally, no more than two driveways shall be allowed for any property. An exception may be made when the frontage approaches 600 feet, if approved by the Engineer.

### 7.4-4 INTERSECTIONS

7.4.4.1-1 At At any intersection of a State Highway with another highway, road or street, access driveways shall be prohibited for a sufficient distance from the intersection to preserve the normal and safe movement of traffic through it, and the distance shall be not less than the intersecting street return radius.

### 7.5-5 GEOMETRICS

7.5.15.1-1 Radii for all access driveways in urban areas shall be not less than 5' feet and in rural areas the radii shall be not less than 10' feet, except as provided in S-section 7.9.

7.5.2 The width of access driveways shall not exceed 40' feet measured at right angles to the centerline of the driveway, except as increased by permissible radii or as provided in S-section 7.9. The minimum width shall be 12' feet.

7.5.3 The angle of access driveways from the pavement shall generally be 60 degrees to 90 degrees.

### 7.6-6 DRAINAGE

7.6.1 Drainage in highway side ditches shall not be altered or impeded. When drainage structures are required, the size of the opening, the length and the other design features shall be approved by the Engineer, and in all cases the structure shall be no smaller than an 18" inches diameter or equivalent pipe culvert. Pipe culvert shall be corrugated metal, reinforced concrete pipe, or other Department approved pipe, a minimum of 20' feet in length and shall have no hazardous headwalls or other hazards constructed upon it. No driveway shall be constructed with swale type ditches for drainage

unless there is no other alternative and an exception is approved by the Engineer.

#### 7.7.7 PROFILE GRADE

7.7.1 The grade on the driveway shall be constructed as to conform to the slope of the roadway shoulder from the edge of the traveled lane to the edge of the shoulder. Preferably, the profile grade of the driveway shall be constructed so the water will not drain onto the traveled surface.

#### 7.8.8 SAFETY ZONES

7.8.1—1 All parts of the highway right-of-way between the curb or shoulder line and the right-of-way line along the Permittee's property frontage, except the areas contained in the access driveway, shall be a Safety Zone. Generally, the Safety Zone between driveways should be a minimum of one-third the length of the property frontage, but not less than 25' feet in length except as provided in Section 7.9.

#### 7.9.9 EXCEPTIONS

7.9.1—The Engineer may authorize or require changes in the design when necessary to preserve the normal and safe movement of traffic and to permit reasonable access. In consideration of type, speed, volume of highway traffic and driveway traffic, larger radii and/or widths than the minimum may be required. When physical factors make it impractical to obtain reasonable access within these requirements, appropriate variations may be authorized, provided that in all cases radii are confined to the Permittee's grantee's property frontage and are not less than 2-1/2', the island between driveways is not less than 2-1/2' x 10' long, and the driveway widths do not exceed 48 feet. The District Engineer must approve exceptions to these rules/regulations.

7.10-10 For large traffic generators such as shopping centers, where the development would have an adverse effect on the existing flow of traffic onto the highway, the grantee/permittee may be required to install additional turn lanes and/or channelization as determined by the Engineer. In these instances, a Special Permit should be issued with the bond amount equal to 5% of the work to be done on the Right of Way or a minimum of \$750.

#### CONSTRUCTION

7.10.1 The Permittee/grantee/permittee shall furnish and install all materials, including fill material, surfacing and drainage

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~~structures. All materials used must comply with the requirements contained in this manual and/or specified by the Engineer. The Permitteegrantee permittee shall do perform all work in connection with the construction of access driveways and their appurtenances on the Right of Wayright-of-way. However, the Department may assist by establishing flow line grades for drainage structures and finish grades for driveway surfaces or such other comparable assistance, which the Engineer may agree to perform.~~

~~7.11 When normal traffic flow is affected by the installation of any driveway, appropriate traffic control as shown in Drawing AD 8 on Page 28 shall be utilized.~~

#### ~~MAINTENANCE~~

~~7.11.1 Non-commercial driveways will be maintained to the right-of-way line by the Department.~~

~~— The Department will provide routine maintenance shoulder width, or a minimum of 4' adjacent to the edge of pavement, across commercial drives. The permittee shall make provisions for the removal of any debris such as mud, tree limbs, bark, etc. resulting from operations from the roadway surface. Any time a hazard is created, the correction of the hazardous condition must be made immediately.~~

~~— Any maintenance or improvement to the surfacing or drainage structure of a commercial driveway will be the responsibility of the grantee permittee. Maintenance such as surfacing or resurfacing of driveways may be allowed without a permit. **ANY DIMENSIONAL CHANGE OR RELOCATION OF THE DRIVEWAY WILL REQUIRE AN APPROVED PERMIT FROM THE DEPARTMENT.** This includes any driveway approach or other improvement constructed on the right Right of way Way.~~

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~~—The Department reserves the right to inspect driveways at all times and to require such maintenance and repairs as may, at any time, be considered necessary. If the driveway is not properly maintained by the grantee permittee and becomes a hazard, it the driveway will be removed.~~

## **SECTION 8**

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### **REQUIREMENTS FOR TEMPORARY NON-COMMERCIAL DRIVEWAYS**

#### **8.1 GENERAL**

~~8.8.1.11.1 A temporary driveway is defined as a driveway adjoining a State Highway to provide access for a duration of 120 days or less.~~

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~~8.1.2 A permit shall be obtained from the Department for all temporary access driveways on State Highways. Non-commercial driveways are defined as driveways adjoining a State Highway to provide entrance to and/or exit from private property for the exclusive use and benefit of the owner or lessee, and driveways for farms or ranches, churches, schools, non-commercial cemeteries and other non-commercial public access.~~

~~A permit shall be obtained from the Department for all non-commercial access driveways on State Highways. Within incorporated cities, it will be necessary for the applicant Applicant to satisfy the requirements of the city and to obtain a permit from the Department. The city's requirements must meet or exceed the requirements of this manual.~~

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~~**NO WORK SHALL BE UNDERTAKEN ON STATE HIGHWAY RIGHT-OF-WAY UNTIL THE PERMIT HAS BEEN ISSUED BY THE ENGINEER.**~~

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~~8.1.3 The Permittee shall fully protect the traffic on the highway during construction covered hereunder by proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, and to~~

~~hold harmless the State Highway Commission, the Department, and its duly appointed agents, officers and employees, from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any person or property due to the construction, performance or non-performance of work or existence of a driveway.~~

~~8.1.4 to satisfy the requirements of the city to obtain a permit from the Department. The applicant may be required to satisfy local, city or county requirements in addition to obtaining a permit from the Department.~~

**~~NO WORK SHALL BE UNDERTAKEN PERFORMED ON STATE HIGHWAY RIGHT OF WAY PRIOR TO APPROVAL OF THE PERMIT BY THE ENGINEER.~~**

~~The Permittee/grantee permittee shall fully protect the traffic on the highway during construction covered hereunder by proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices MUTCD, and to hold harmless the State Highway Commission, the Department, and its duly appointed agents, officers and employees, from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any person or property due to the construction, performance or non-performance of work or existence of a driveway.~~

~~The grantee permittee shall not erect any sign, flag or other identifying marker, for the purpose of attracting attention to the site, either fixed or moveable, on or extending over any portion of the highway right Right of way Way. Anyone erecting such sign, flag or identifying marker is in violation of Ark. Code Ann. § 27-67-304.~~

~~The grantee permittee shall maintain all existing highway, street, and county road regulatory, warning, guide and informational signs in an effective location at all times for the duration of the work and shall install them at the correct location upon completion of the work. Any signs damaged by the grantee permittee shall be replaced at no cost to the state Department.~~

~~Applications for permits shall be made by the owner or lessee duly authorized agent, who shall represent all parties' interests. Such permits shall be only for the bona fide purpose of securing or changing constructing or modifying access to the property and not for the purpose of parking, servicing or loading and unloading vehicles on the State Highway Right of Way.~~

~~Permits for non-commercial driveways will not require a deposit or bond. When requests are made for more than one non-commercial driveway, a deposit or bond may be required.~~

~~Non-commercial driveway permits will have an expiration date of 1 one year from date of issue. If no work has begun at the expiration date, the permit will may be~~

revoked and any deposit bond returned.

At the expiration date, if the work has not been completed in accordance with the permit, the grantee permittee will be notified by certified mail, with an explanation of non compliance. If the driveway does not comply in 30 days, the permit will be revoked, the deposit or bond forfeited, and the driveway may be removed.

The grantee permittee may elect to request a new permit prior to removal of the driveway. If this request is granted, the original permit will be revoked, a deposit or bond required and a new permit issued. If a bond was not required for the original permit, a bond may be required for the new permit at the discretion of the Engineer.

The Engineer may grant written extensions to those in non compliance for a reasonable period of time as he deems necessary, based on the showing of good cause by the grantee permittee, but for no longer than 6 months.

## **DESIGN**

### **a. GENERAL**

All parts of access driveways on highway Right-of-Way shall be confined within the grantee's permittee's property frontage.

No changes to partial or fully controlled access facilities will be considered except by written authorization of the Department's Deputy Director and Chief Engineer.

All parts of any access driveway, including the radii, shall be a minimum of 10' inside the adjoining property frontage in rural locations and shall be a minimum of 5' in urban locations, except as provided in paragraph "h".

### **b. LOCATION**

6.3.1 Access driveways shall be located to provide adequate sight distances and safety for highway users. If adequate sight distance cannot be provided, some movements at the driveway may be prohibited or access denied.

6.3.2 Frontages of 50' or less shall be limited to one driveway. Normally, no more than two driveways shall be allowed for any property. An exception may be made when the frontage approaches 600 feet, if approved by the Engineer.

### **c. INTERSECTIONS**

At any intersection of a State Highway with another highway, road or street,

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access driveways shall be prohibited for a sufficient distance from the intersection to preserve the normal and safe movement of traffic through it and the distance shall be not less than the intersecting street return radius.

#### d. GEOMETRICS

— Radii for all access driveways in urban areas shall be not less than 5' and in rural areas the radii shall be not less than 10', except as provided in paragraph "h".

— The width of access driveways shall not exceed 40' measured at right angles to the centerline of the driveway, except as increased by permissible radii or as provided in paragraph "h". The minimum width shall be 12'.

— The angle of access driveways from the pavement shall generally be 60 degrees to 90 degrees.

#### e. DRAINAGE

~~Drainage in highway side ditches shall not be altered or impeded. When drainage structures are required, the size of the opening, the length and the other design features shall be approved by the Engineer, and in all cases the structure shall be no smaller than an 18" diameter or equivalent pipe culvert. The Pipe culvert shall be corrugated metal, reinforced concrete pipe, or other Department approved pipe, with a minimum of 20' in length and shall have no hazardous headwalls or other hazards constructed upon it. No driveway shall be constructed with swale type ditches for drainage unless there is no other alternative and an exception is approved by the Engineer.~~

#### f. PROFILE GRADE

— The grade on the driveway shall be constructed as to conform to the slope of the roadway shoulder from the edge of the traveled lane to the edge of the shoulder. Preferably, the profile grade of the driveway shall be constructed so that the water will not drain onto the traveled surface.

#### g. SAFETY ZONES

— All parts of the highway Right of Way between the curb or shoulder line and the Right of Way line along the grantee's permittee's property frontage, except the areas contained in the access driveway, shall be a Safety Zone. Generally, the Safety Zone between driveways should be a minimum of one third the length of the property frontage, but not less than 25' in length except as provided in paragraph "h". Vehicle parking or access will not be permitted in a Safety Zone.

#### h. EXCEPTIONS

~~The Engineer may authorize or require changes in the design when necessary to preserve the normal and safe movement of traffic and to permit reasonable access. In consideration of type, speed, volume of highway traffic and access driveway traffic, larger radii and/or widths than the minimum may be required. When physical factors make it impractical to obtain reasonable access within these requirements, appropriate variations may be authorized, provided that in all cases radii are confined to the grantee's permittee's property frontage and are not less than 2½ feet. The Engineer must approve exceptions to these regulations.~~

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#### CONSTRUCTION

~~The grantee permittee shall furnish and install all materials, including fill material, surfacing and drainage structures. All materials used must comply with the requirements contained in this manual and/or specified by the Engineer. The grantee permittee shall do perform all work in connection with the construction of access driveways and their appurtenances on the Right of Way. However, the Department may assist by establishing flow line grades for drainage structures and finished finish grades for driveway surfaces or such other comparable assistance, which the Engineer may agree to perform.~~

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~~When normal traffic flow is affected by the installation of any driveway, appropriate traffic control as shown in drawing AD 8 on Page 28 shall be utilized.~~

#### MAINTENANCE

~~Non commercial driveways will be maintained to the Right of Way line by the Department. ANY DIMENSIONAL CHANGE OR RELOCATION OF THE DRIVEWAY WILL REQUIRE AN APPROVED PERMIT FROM THE DEPARTMENT. This includes any driveway approach or other improvement constructed on the Right of Way.~~

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## **REQUIREMENTS FOR TEMPORARY DRIVEWAYS**

### **GENERAL**

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~~A temporary driveway is defined as a driveway adjoining a State Highway to provide access for a duration of 120 days or less.~~

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~~8.1.5-5 The Permittee~~A permit shall be obtained from the Department for all temporary access driveways on State Highways. Within incorporated cities, it will be necessary to have a permit from the Department and to meet the requirements of the city. ~~The applicant may be required to satisfy local, city or county requirements in addition to obtaining a permit from the Department.~~

### **NO WORK SHALL BE UNDERTAKEN PERFORMED ON STATE HIGHWAY RIGHT OF WAY PRIOR TO APPROVAL OF THE PERMIT BY THE ENGINEER.**

~~The grantee permittee shall fully protect the traffic on the highway during construction covered hereunder by proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices MUTCD, and to hold harmless the State Highway Commission, the Department, and its duly appointed agents, officers and employees, from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any person or property due to the construction, performance or non performance of work or existence of a driveway.~~

~~The grantee permittee shall not erect any sign, flag or other identifying marker, for the purpose of attracting attention to the site, either fixed or moveable, on or extending over any portion of the highway Right of Way. Anyone erecting such sign, flag or identifying marker is in violation of Ark. Code Ann. § 27-67-304.~~

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~~The grantee permittee shall maintain all existing highway, street, and county road regulatory, warning, guide and informational signs in an effective location at all times for the duration of the work and shall install them at the correct location upon completion of the work. Any signs damaged by the Permitteegrantee permittee shall be replaced at no cost to the state Department.~~

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~~8.1.6-6 Applications for permits shall be made by the owner or lessee duly~~

~~authorized representative of the Ownerowner, i.e. cContractor, Consulting consulting Engineer-engineer or Lesseelesseeagent, who shall represent all parties' interests. Such permits shall be only for the bonabone fide purpose of securing or changing constructing or modifying access to the property and not for the purpose of parking, servicing or loading and unloading vehicles on the State Highway right Right of way Way.~~

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8.1.7 Permits for temporary driveways will ~~shall~~ have a minimum deposit ~~Deposit or bond Bond~~ in the amount of ~~\$1,000.00100 \$750~~ per driveway. **THE DEPOSIT or BOND SHALL BE PREPARED IN THE SAME NAME AS THE PERMIT.** ~~Bond may be waived on permits for governmental entities. The deposit Deposit or bond Bond will be refunded upon satisfactory completion of the work, including removal of the driveway and restoration of the right Right of way Way to its original condition.~~

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8.1.8 ~~8~~ Temporary driveway permits will have an expiration date of a maximum of 120 days from the date of issue. ~~When necessary, the Engineer may extend this at 60 day intervals, but not to exceed a total of 240 days. Request to leave driveways in longer must go through the application requirements for a permanent driveway.~~

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## **8.2 DESIGN**

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### **8.2-2 a. GENERAL**

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8.2.1-1 ~~All parts of temporary access driveways on highway right of way shall be confined within the Permittee's property frontage. Frontage is that portion of the Permittee's property lying between the two most distant possible lines drawn perpendicular from the centerline of the highway to the Permittee's abutting property.~~

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8.2.2-2 ~~All parts of temporary access driveways on highway Right of Way shall be confined within the grantee's permittee's property frontage. Frontage is that portion of the grantee's permittee's property lying between the two most distant possible lines drawn perpendicular from the centerline of the highway to the grantee's permittee's abutting property.~~

~~No changes to partial or fully controlled access facilities will be considered except by written authorization of the Department's Chief EngineerDeputyDeputy Director and Chief Engineer.~~

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8.2.3-3 ~~All parts of any temporary access driveway, including the radii, shall be a minimum of 10' feet inside the adjoining property frontage in rural locations and shall be a minimum of 5' feet in urban locations, except as provided in Section 8.9 paragraph "h".~~

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### 8.3 b. LOCATION

8.3.1 Temporary access driveways shall be located to provide adequate sight distance distances and safety for highway users. If adequate sight distances distance cannot be provided, some movements at the driveway may be prohibited or access denied.

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8.3.2 Frontages of 50' feet or less shall be limited to one driveway. Normally, no more than two driveways shall be allowed for any single property tract or business establishment. An exception may be made when the frontage approaches 600 feet, if approved by the Engineer.

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### c. 6.4 INTERSECTIONS

6.4.1 At any intersection of a State Highway with another highway, road, or street, access driveways shall be prohibited for a sufficient distance from the intersection to preserve the normal and safe movement of traffic through it, and the distance shall be not less than the intersecting street return radius.

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### 6.5 GEOMETRICS

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### 8.4.4 6 INTERSECTIONS

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8.4.1 At any intersection of a State Highway with another highway, road or street, access driveways shall be prohibited for a sufficient distance from the intersection to preserve the normal and safe movement of traffic through it, and the distance shall be not less than the intersecting street return radius.

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### 8.5.5 GEOMETRICS

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8.5.1-1 Radii for all commercial access driveways in urban areas shall be not less than 5' feet and in rural areas the radii shall be not less than 10' feet, except as provided in in Ssection 8section 6.9.

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86.5.2- The width of access driveways shall not exceed 40' feet measured at right angles to the centerline of the driveway, except as increased by permissible radii or as provided in S-section 86.9. The minimum width shall be 15' feet on a one-way drive and shall be 24' feet on a two-way drive.

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6.5.3- The angle of access driveways from the pavement shall generally be 60 degrees to 90 degrees.

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8.6 6.5.4 The distance from the right-of-way line to the near edge of service pumps, vendor stands, tanks, or water hydrants shall be a minimum of 15 feet. To permit free movement of large vehicles and, in certain instances, to insure that they be entirely off highway right-of-way while being serviced, a greater distance is recommended.

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## 6.6 DRAINAGE

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6.6.1 Drainage in highway side ditches shall not be altered or impeded. When drainage structures are required, the size of the opening, the length and the other design features shall be approved by the Engineer, and in all cases the structure shall be no smaller than an 18" diameter or equivalent pipe culvert. Pipe culvert shall be corrugated metal, reinforced concrete pipe or other Department approved pipe, a minimum of 24' in length and shall have no hazardous headwalls or other hazards constructed upon it. Pipe installation in excess of 100' will require drop inlet or other cleanout provisions. The owner may be required to provide a drainage study. No driveways shall be constructed with swale type ditches for drainage unless there is no other alternative and an exception is approved by the Engineer.

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## 6.7 PROFILE GRADE

6.7.1 The grade on the driveway shall be so constructed as to conform to the slope of the roadway shoulder from the edge of the traveled lane to the edge of the shoulder. Preferably, the profile grade of the driveway shall be constructed so the water will not drain onto the traveled surface.

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## 6.8 SAFETY ZONES

6.8.1 All parts of the highway right-of-way between the curb or shoulder line and the Right of Way line along the Permittee's property frontage, except the areas contained in the access driveway, shall be a Safety Zone. Generally, the Safety Zone between driveways should be a minimum of one-third the length of the property frontage but not less than 25' in length except as provided in section 6.9. Curbs and/or islands shall be

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installed by the Permittee as may be necessary to prohibit vehicle parking and access in Safety Zones. Curbs shall be asphalt or concrete not less than 6" and no more than 12" in height. The curb nearest the traveled lanes shall be aligned with existing curbs or shoulder lines but not less than 4' from the travel lane. The Engineer may require a greater distance when it is necessary to preserve the safety and utility of the highway or to conform to proposed improvements.

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6.8.2 The Safety Zone may be filled, provided the drainage structure underneath the fill is adequate to carry the design flow of water in the highway side ditches, and in no case less than the size of the structure required for the driveway.

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## 6.9 EXCEPTIONS

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6.9.1 The Engineer may authorize or require changes in the design when necessary to preserve the normal and safe movement of traffic or and to permit reasonable access. In consideration of type, speed, and volume of highway traffic and access driveway traffic, larger radii than the minimum may be required. When physical factors make it impractical to obtain reasonable access within these requirements, appropriate variations may be authorized, provided that in all cases radii are confined to the Permittee's property frontage and are not less than 2-1/2', the island between driveways is not less than 10' long, and the driveway widths do not exceed 48'.

## 6.10 CONSTRUCTION

6.10.1 The Permittee shall furnish and install all materials, including fill material, surfacing and drainage structures. All materials used must comply with the requirements contained in this manual and/or specified by the Engineer. The Permittee shall perform all work in connection with the construction of access driveways and their appurtenances on the Right of Way. However, the Department may assist by establishing flow line grades for drainage structures and finish grades for driveway surfaces or such other comparable assistance, which the Engineer may agree to perform.

## 6.11 MAINTENANCE

6.11.1 The Department will provide routine maintenance shoulder width, or a minimum of 4' adjacent to the edge of the travel lane, across commercial drives. The Permittee shall make provisions for the removal of any debris such as mud, tree limbs, bark, etc. resulting from operations from the roadway surface. Any time a hazard is created, the correction of the hazardous condition must be made immediately.

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6.11.2 Any maintenance or improvement to the surfacing or drainage structure of a commercial driveway will be the responsibility of the Permittee. **ANY DIMENSIONAL CHANGE OR RELOCATION OF THE DRIVEWAY WILL REQUIRE AN APPROVED PERMIT FROM THE DEPARTMENT.** This includes any driveway approach or other improvement constructed on the right-of-way.

6.11.3 The Department reserves the right to inspect driveways at all times and to require such maintenance and repairs as may, at any time, be considered necessary. If the driveway is not properly maintained by the Permittee and becomes a hazard, it will be removed.

## **SECTION 7**

### **REQUIREMENTS FOR NON-COMMERCIAL DRIVEWAYS**

#### **7.1 GENERAL**

7.1.1 Non-commercial driveways are defined as driveways adjoining a State Highway to provide entrance to and/or exit from private property for the exclusive use and benefit of the owner or lessee, and driveways for farms or ranches, churches, schools, non-commercial cemeteries and other non-commercial public access.

7.1.2 A permit shall be obtained from the Department for all non-commercial access driveways on State Highways. Within incorporated cities it will be necessary for the applicant to satisfy the requirements of the city and to obtain a permit from the Department. The city's requirements must meet or exceed the requirements of this manual.

**NO WORK SHALL BE UNDERTAKEN ON STATE HIGHWAY RIGHT-OF-WAY UNTIL THE PERMIT HAS BEEN ISSUED BY THE ENGINEER.**

7.1.3 The Permittee shall fully protect the traffic on the highway during construction covered hereunder by proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, and to hold harmless the State Highway Commission, the Department, and its duly appointed agents, officers and employees, from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any person or property due to the construction, performance or non-performance of work or existence of a driveway.

7.1.4 The Permittee shall not erect any sign, flag or other identifying marker, for the purpose of attracting attention to the site, either fixed or moveable,

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on or extending over any portion of the highway right-of-way. Anyone erecting such sign, flag or identifying marker is in violation of Ark. Code Ann. § 27-67-304.

- 7.1.5 The Permittee shall maintain all existing highway, street, and county road regulatory, warning, guide and informational signs in an effective location at all times for the duration of the work and shall install them at the correct location upon completion of the work. Any signs damaged by the Permittee shall be replaced at no cost to the Department.
- 7.1.6 Applications for permits shall be made by the owner or duly authorized representative of the Owner, i.e. Contractor, Consulting Engineer or Lessee, who shall have the authority to represent all parties' interests. Such permits shall be only for the bona fide purpose of constructing or modifying access to the property and not for the purpose of parking, servicing or loading and unloading vehicles on the State Highway right-of-way.
- 7.1.7 Permits for non-commercial driveways will not require a bond. When requests are made for more than one non-commercial driveway, a bond may be required.
- 7.1.8 Non-commercial driveway permits will have an expiration date of one year from date of issue. If no work has begun at the expiration date, the permit may be revoked and any bond returned.
- 7.1.9 At the expiration date, if the work has not been completed in accordance with the permit, the Permittee will be notified by certified mail, with an explanation of non-compliance. If the driveway does not comply in 30 days, the permit will be revoked.
- 7.1.10 The Permittee may elect to apply for a new permit. If a new permit is issued, the original permit will be revoked and a new permit issued.
- 7.1.11 The Engineer may grant written extensions up to 6 months to those in non-compliance for a reasonable period as he deems necessary, based on the showing of good cause by the Permittee, but for no longer than 6 months.

## **DESIGN**

### **7.2 GENERAL**

- 7.2.1 All parts of access driveways on highway right-of-way shall be confined within the Permittee's property frontage.

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7.2.2 No changes to partial or fully controlled access facilities will be considered except by written authorization of the Department's Chief Engineer.

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7.2.3 All parts of any access driveway, including the radii, shall be a minimum of 10' inside the adjoining property frontage in rural locations and shall be a minimum of 5' in urban locations, except as provided in section 7.9.

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7.2.4 Access driveways located on curbed highways must be constructed in accordance with Standard Drawing DR-1.

### 7.3 LOCATION

7.3.1 Access driveways shall be located to provide adequate sight distances and safety for highway users. If adequate sight distance cannot be provided, some movements at the driveway may be prohibited or access denied.

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7.3.2 Frontages of 50' or less shall be limited to one driveway. Normally, no more than two driveways shall be allowed for any property. An exception may be made when the frontage approaches 600 feet, if approved by the Engineer.

### 7.4 INTERSECTIONS

~~7.4.1 At any intersection of a State Highway with another highway, road or street, access driveways shall be prohibited for a sufficient distance from the intersection to preserve the normal and safe movement of traffic through it, and the distance shall be not less than the intersecting street return radius.~~

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### ~~7.5 GEOMETRICS~~

7.5.1 Radii for all access driveways in urban areas shall be not less than 5' and in rural areas the radii shall be not less than 10', except as provided in section 7.9.

7.5.2 The width of access driveways shall not exceed 40' measured at right angles to the centerline of the driveway, except as increased by permissible radii or as provided in section 7.9. The minimum width shall be 12'.

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7.5.3 The angle of access driveways from the pavement shall generally be 60 degrees to 90 degrees.

### 7.6 DRAINAGE

7.6.1 Drainage in highway side ditches shall not be altered or impeded. When drainage structures are required, the size of the opening, the length and

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the other design features shall be approved by the Engineer, and in all cases the structure shall be no smaller than an 18" diameter or equivalent pipe culvert. Pipe culvert shall be corrugated metal, reinforced concrete pipe, or other Department approved pipe, a minimum of 20' in length and shall have no hazardous headwalls or other hazards constructed upon it. No driveway shall be constructed with swale type ditches for drainage unless there is no other alternative and an exception is approved by the Engineer.

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## 7.7 PROFILE GRADE

7.7.1 The grade on the driveway shall be constructed as to conform to the slope of the roadway shoulder from the edge of the traveled lane to the edge of the shoulder. Preferably, the profile grade of the driveway shall be constructed so the water will not drain onto the traveled surface.

## 7.8 SAFETY ZONES

7.8.1 All parts of the highway right-of-way between the curb or shoulder line and the right-of-way line along the Permittee's property frontage, except the areas contained in the access driveway, shall be a Safety Zone. Generally, the Safety Zone between driveways should be a minimum of one-third the length of the property frontage, but not less than 25' in length except as provided in section 7.9.

## 7.9 EXCEPTIONS

7.9.1 The Engineer may authorize or require changes in the design when necessary to preserve the normal and safe movement of traffic and to permit reasonable access. In consideration of type, speed, volume of highway traffic and driveway traffic, larger radii and/or widths than the minimum may be required. When physical factors make it impractical to obtain reasonable access within these requirements, appropriate variations may be authorized, provided that in all cases radii are confined to the Permittee's property frontage and are not less than 2½ feet. The District Engineer must approve exceptions to these rules.

## 7.10 CONSTRUCTION

7.10.1 The Permittee shall furnish and install all materials, including fill material, surfacing and drainage structures. All materials used must comply with the requirements contained in this manual and/or specified by the Engineer. The Permittee shall perform all work in connection with the construction of access driveways and their appurtenances on the Right of Way. However, the Department may assist by establishing flow line grades for drainage structures and finish grades for driveway surfaces or

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such other comparable assistance, which the Engineer may agree to perform.

#### 7.11 MAINTENANCE

- 7.11.1 Non-commercial driveways will be maintained to the right-of-way line by the Department. **ANY DIMENSIONAL CHANGE OR RELOCATION OF THE DRIVEWAY WILL REQUIRE AN APPROVED PERMIT FROM THE DEPARTMENT.** This includes any driveway approach or other improvement constructed on the right-of-way.

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### **SECTION 8** **REQUIREMENTS FOR TEMPORARY DRIVEWAYS**

#### 8.1 GENERAL

- 8.1.1 A temporary driveway is defined as a driveway adjoining a State Highway to provide access for a duration of 120 days or less.

- 8.1.2 A permit shall be obtained from the Department for all temporary access driveways on State Highways. Within incorporated cities it will be necessary for the applicant to satisfy the requirements of the city and to obtain a permit from the Department. The city's requirements must meet or exceed the requirements of this manual.

**NO WORK SHALL BE UNDERTAKEN ON STATE HIGHWAY RIGHT-OF-WAY UNTIL THE PERMIT HAS BEEN ISSUED BY THE ENGINEER.**

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- 8.1.3 The Permittee shall fully protect the traffic on the highway during construction covered hereunder by proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, and to hold harmless the State Highway Commission, the Department, and its duly appointed agents, officers and employees, from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any person or property due to the construction, performance or non-performance of work or existence of a driveway.

- 8.1.4 The Permittee shall not erect any sign, flag or other identifying marker, for the purpose of attracting attention to the site, either fixed or moveable, on or extending over any portion of the highway right-of-way. Anyone erecting such sign, flag or identifying marker is in violation of Ark. Code Ann. § 27-67-304.

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8.1.5 -The Permittee shall maintain all existing highway, street, and county road regulatory, warning, guide and informational signs in an effective location at all times for the duration of the work and shall install them at the correct location upon completion of the work. Any signs damaged by the Permittee shall be replaced at no cost to the Department.

8.1.6 Applications for permits shall be made by the owner or duly authorized representative of the Owner, i.e. Contractor, Consulting Engineer or Lessee, who shall represent all parties' interests. Such permits shall be only for the bona fide purpose of constructing or modifying access to the property and not for the purpose of parking, servicing or loading and unloading vehicles on the State Highway right-of-way.

8.1.7 Permits for temporary driveways shall have a deposit or bond in the amount of \$1,000.00 per driveway. The deposit or bond will be refunded upon satisfactory completion of the work and restoration of the right-of-way to its original condition.

8.1.8 Temporary driveway permits will have an expiration date of a maximum of 120 days from the date of issue. When necessary, the Engineer may extend this at 60 day intervals, but not to exceed a total of 240 days.

## **DESIGN**

### **8.2 GENERAL**

8.2.1 All parts of temporary access driveways on highway right-of-way shall be confined within the Permittee's property frontage. Frontage is that portion of the Permittee's property lying between the two most distant possible lines drawn perpendicular from the centerline of the highway to the Permittee's abutting property.

8.2.2 No changes to partial or fully controlled access facilities will be considered except by written authorization of the Department's Chief Engineer.

8.2.3 All parts of any temporary access driveway, including the radii, shall be a minimum of 10' inside the adjoining property frontage in rural locations and shall be a minimum of 5' in urban locations, except as provided in section 8.9.

### **8.3 LOCATION**

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8.3.1 Temporary access driveways shall be located to provide adequate sight distances and safety for highway users. If adequate sight distance cannot be provided, some movements at the driveway may be prohibited or access denied.

8.3.2 Frontages of 50' or less shall be limited to one driveway. Normally, no more than two driveways shall be allowed for any single property tract or business establishment. An exception may be made when the frontage approaches 600 feet, if approved by the Engineer.

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#### 8.4 INTERSECTIONS

8.4.1 At any intersection of a State Highway with another highway, road or street, access driveways shall be prohibited for a sufficient distance from the intersection to preserve the normal and safe movement of traffic through it, and the distance shall be not less than the intersecting street return radius.

#### 8.5 GEOMETRICS

8.5.1 Radii for all commercial access driveways in urban areas shall be not less than 5' and in rural areas the radii shall be not less than 10', except as provided in paragraph "h", section 8.9.

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8.5.2 The width of access driveways shall not exceed 40' measured at right angles to the centerline of the driveway, except as increased by permissible radii or as provided in paragraph "h", section 8.9. The minimum width shall be 15' on a one way driveway drive and shall be 24' on a two way driveway drive.

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8.5.3 The angle of access driveways from the pavement shall generally be 60° degrees to 90° degrees.

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The distance from the Right of Way line to the near edge of service pumps, vendor stands, tanks, or water hydrants shall be a minimum of 15 feet. To permit free movement of large vehicles and, in certain instances, to insure that they be entirely off highway Right of Way while being serviced, a greater distance is recommended.

#### e:8.6 DRAINAGE

8.6.1 Drainage in highway side ditches shall not be altered or impeded. During dry summer months when drainage is not a problem, temporary roadway ditch crossings may be made by using boards or poles for the original 120 day permit only. When board or pole crossings cause scour or create a hazard, they shall be immediately removed or reconstructed as

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required by the Engineer.

#### f.8.7 \_PROFILE GRADE

- 8.7.1 The profile grade of on the driveway should be maintained so that water will not drain onto the traveled surface or cause damage to the Right-right-of-Way-way.

#### g.8.8 \_SAFETY ZONES

- 8.8.1-1 All parts of the highway Right-right-of-Way-way between the curb or shoulder line and the Right-right-of-Way-way line along the Permittee's grantee's permittee's Permittee's property frontage, except the areas contained in the temporary access driveway, shall be a Safety Zone. Vehicle parking or access will not be permitted in a Safety Zone.

#### h.8.9 \_EXCEPTIONS

- 8.9.1 The Engineer may authorize or require changes in the design when necessary to preserve the normal and safe movement of traffic and to permit reasonable access. The Engineer must approve exceptions to these regulations rules.

#### 8.10 CONSTRUCTION

8.10.1 The Permittee grantee permittee Permittee shall furnish and install all materials, including fill material and drainage structure, if required. All materials used must comply with the requirements contained in this manual and/or specified by the Engineer.

The Permittee grantee permittee Permittee shall do perform all work in connection with the construction of access driveways and their appurtenances on the Right-right-of-Way-way and all work required to remove the driveway and restore the Right-right-of-Way-way to its original condition. However, the Department may assist by establishing flowline flow line grades for drainage structures and finish grades for driveway surfaces or such other comparable assistance, which the Engineer may agree to perform.

8.11-11 When normal traffic flow is affected by the installation of any driveway, appropriate traffic control as shown in drawing AD-8 on Page 28 shall be utilized.

#### **MAINTENANCE**

##### — 8.11 MAINTENANCE

—8.1.1.1 Any maintenance of the driveway will be the responsibility of the grantee ~~permittee~~. ~~Permittee~~. The ~~Permittee~~ ~~grantee~~ ~~permittee~~ ~~Permittee~~ shall make provisions for removal from the highway any debris caused by the ~~Permittee's~~ ~~permittee's~~ ~~Permittee's~~ operations. Provisions shall be made to remove such debris as mud, tree limbs, bark, etc. At any time a ~~hazardous condition~~ ~~hazard~~ is created, ~~the~~ correction of a hazardous condition must be made immediately. \_\_\_

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## Typical Layouts

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## **SECTION 9**

### **TYPICAL LAYOUTS**

- 9.0 Drawing Numbers AD-1 through AD-5 illustrate the typical treatment which may be used on driveways.
- | 9.1 The sketches contained in this booklet manual illustrate the freedom of design permitted by these regulations which permit adequate access along with reasonable protection to the traveling public and patrons of roadside establishments. The Department does not design layouts for private property. However, these sketches are presented to illustrate the attractive and inviting appearance of such establishments when proper provisions are made for access.

|

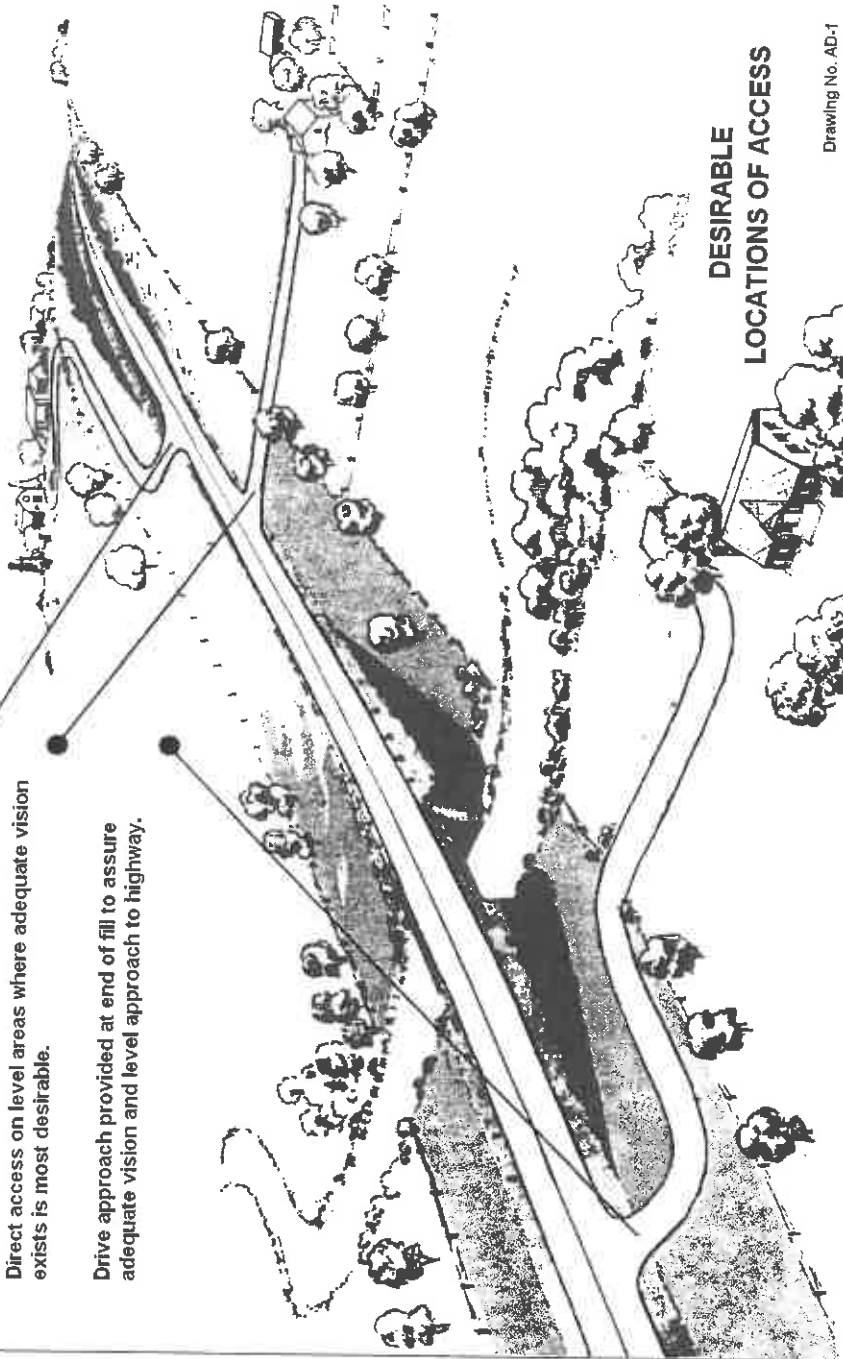
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Drive approach to highway provided at end of cut section giving a level approach with adequate vision.

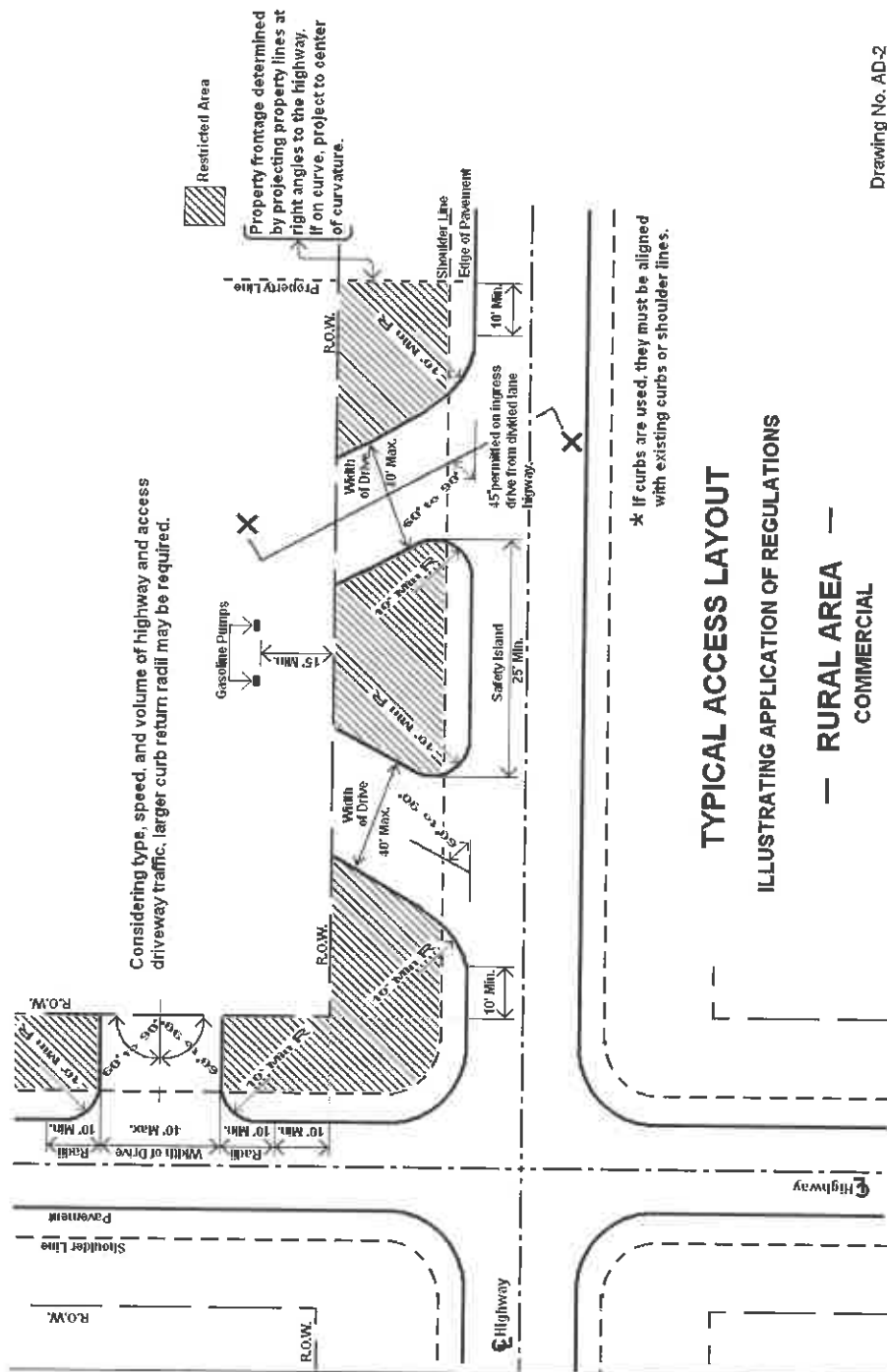
Direct access on level areas where adequate vision exists is most desirable.

Drive approach provided at end of fill to assure adequate vision and level approach to highway.



## DESIRABLE LOCATIONS OF ACCESS

Drawing No. AD-1



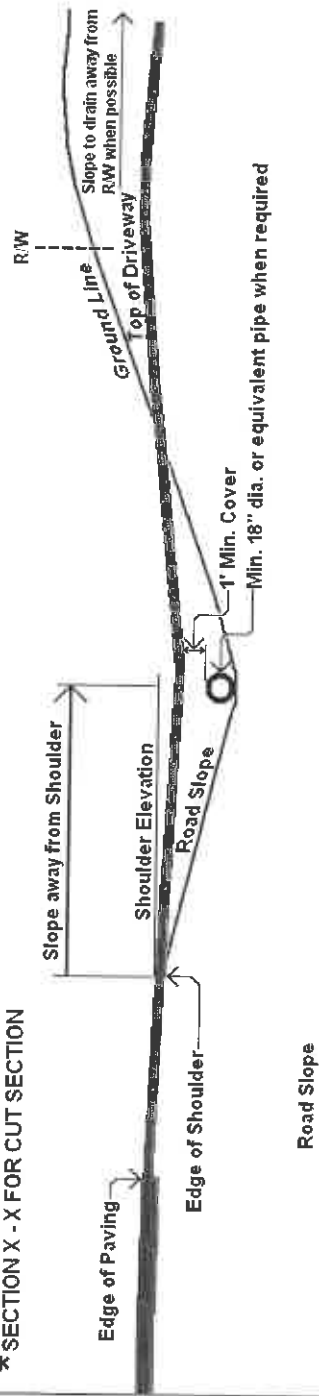
**\* If curbs are used, they must be aligned with existing curbs or shoulder lines.**

## TYPICAL ACCESS LAYOUT

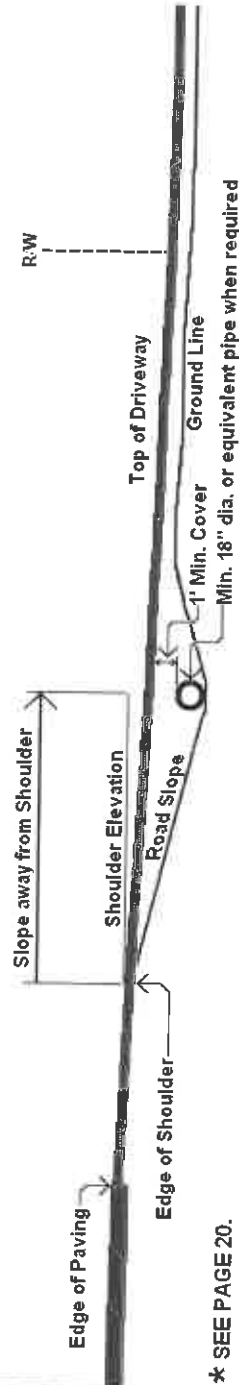
— RURAL AREA —  
COMMERCIAL

Drawing No. AD-2

\*SECTION X - X FOR CUT SECTION



\*SECTION X - X FOR FILL SECTION



\* SEE PAGE 20.

## DESIRABLE TYPICAL ELEVATION SECTIONS FOR DRIVEWAYS

Drawing No. AD-3

Considering type, speed, and volume of highway and access driveway traffic, larger curb return radii may be required.

Restricted Area

Property frontage determined by projecting property lines at right angles to the highway. If on curve, project to center of curvature.

Gasoline Pumps

15' Min.

Barrier Curb (6" Min. (12" Max) Height)

Safety Island

Width of Opening 40' Max 8'-0" Min

Width of Opening 40' Max 8'-0" Min

Width of Opening 40' Max 8'-0" Min

Width of Opening 40' Max 8'-0" Min

45° permitted on ingress drive from divided lane highway.

45° permitted on ingress drive from divided lane highway.

★ Or be aligned with existing curbs or shoulder lines (See "Safety Zones")

**TYPICAL ACCESS LAYOUT**  
ILLUSTRATING APPLICATION OF REGULATIONS  
— URBAN AREA —  
COMMERCIAL

Drawing No. AD-4

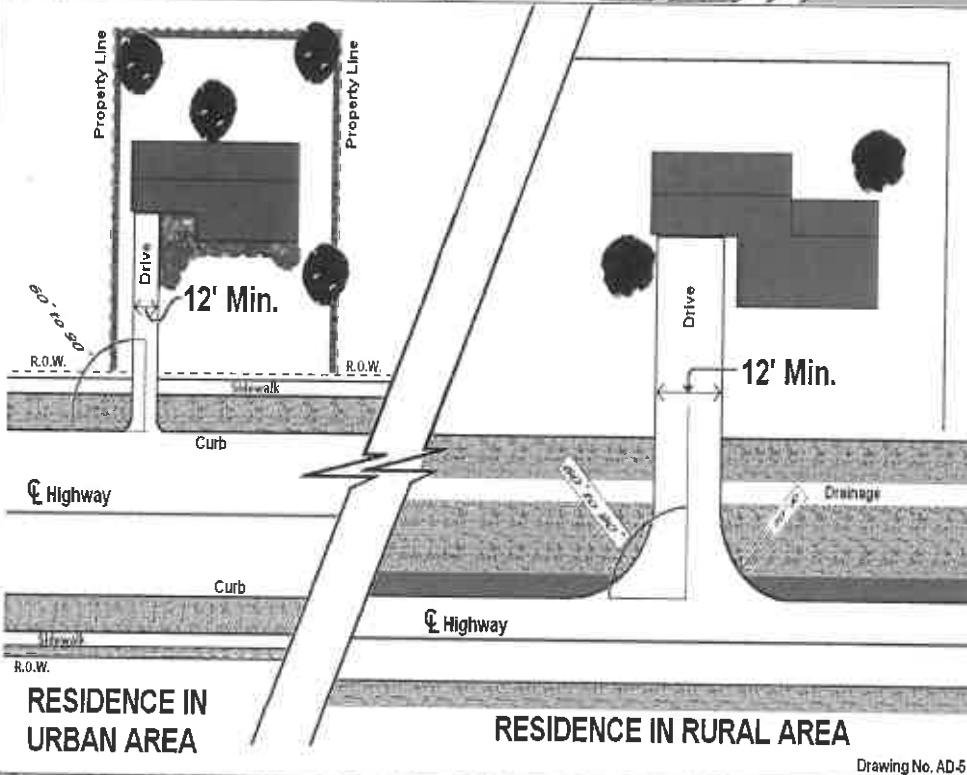
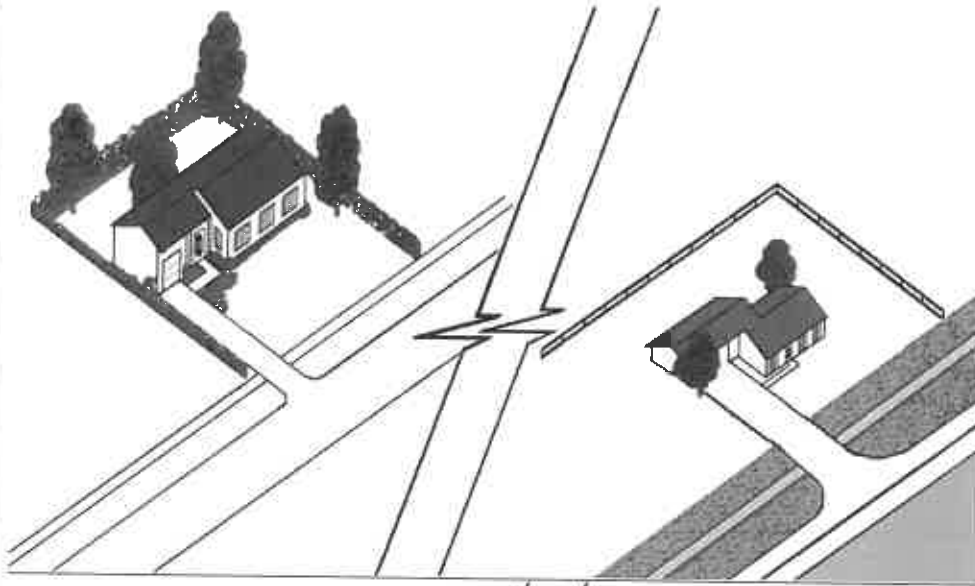
R.O.W.

R.O.W.

Highway

R.O.W.

617



Drawing No. AD-5

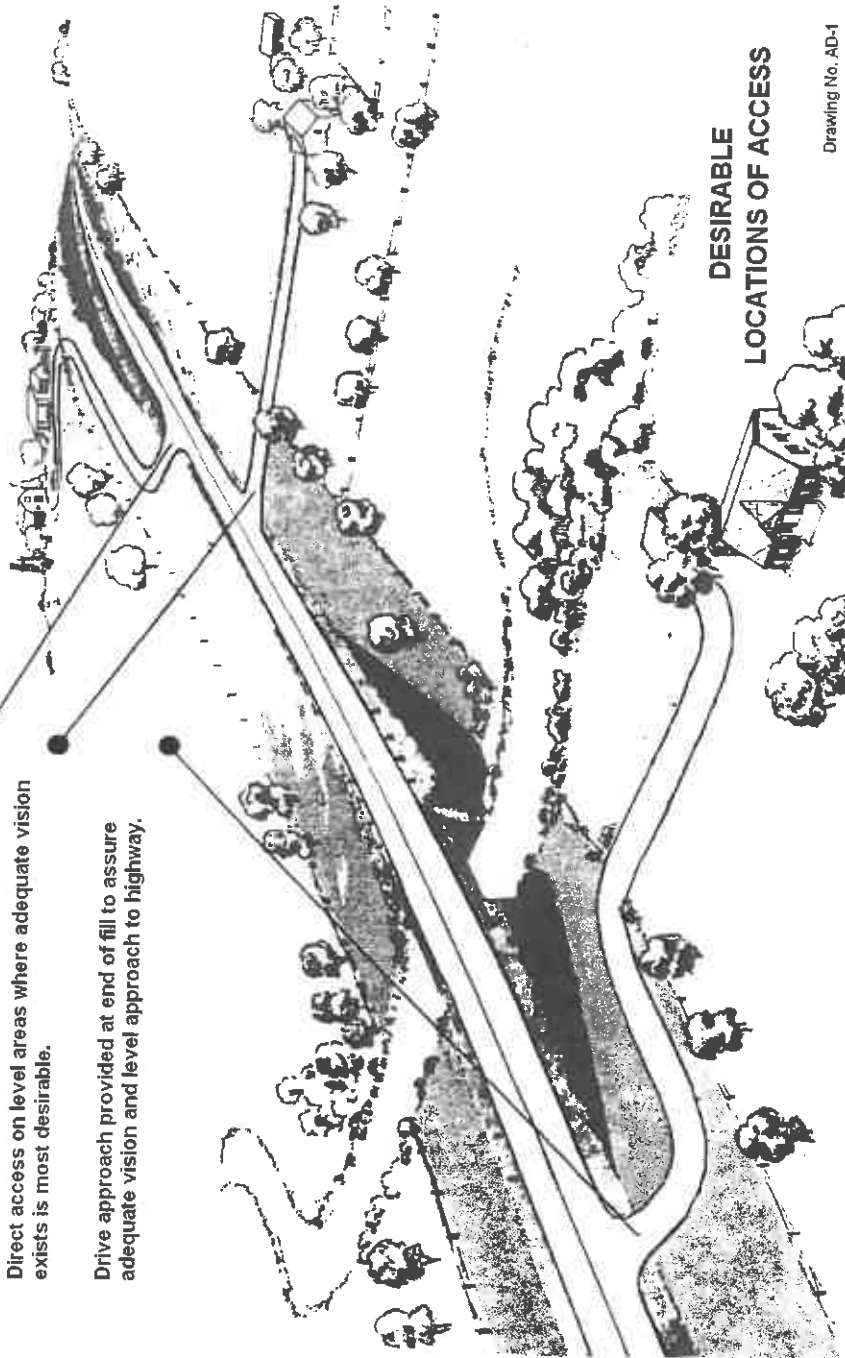
**SECTION 10**

19.

Drive approach to highway provided at end of cut section giving a level approach with adequate vision.

Direct access on level areas where adequate vision exists is most desirable.

Drive approach provided at end of fill to assure adequate vision and level approach to highway.



DESIRABLE  
LOCATIONS OF ACCESS

Drawing No. AD-1

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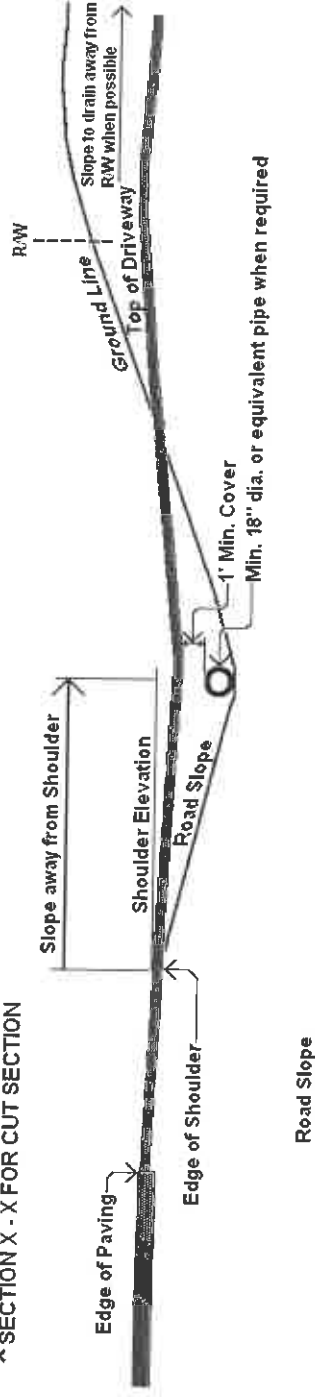
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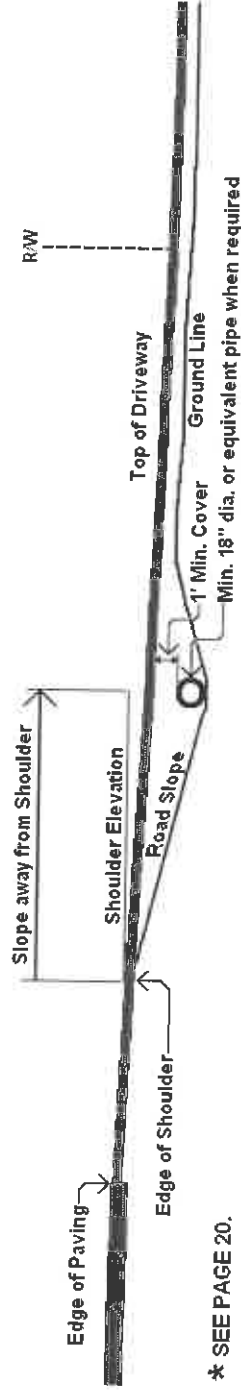
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**\*SECTION X - X FOR CUT SECTION**



**\*SECTION X - X FOR FILL SECTION**



**\* SEE PAGE 20.**

## DESIRABLE TYPICAL ELEVATION SECTIONS FOR DRIVEWAYS

Drawing No. AD-3

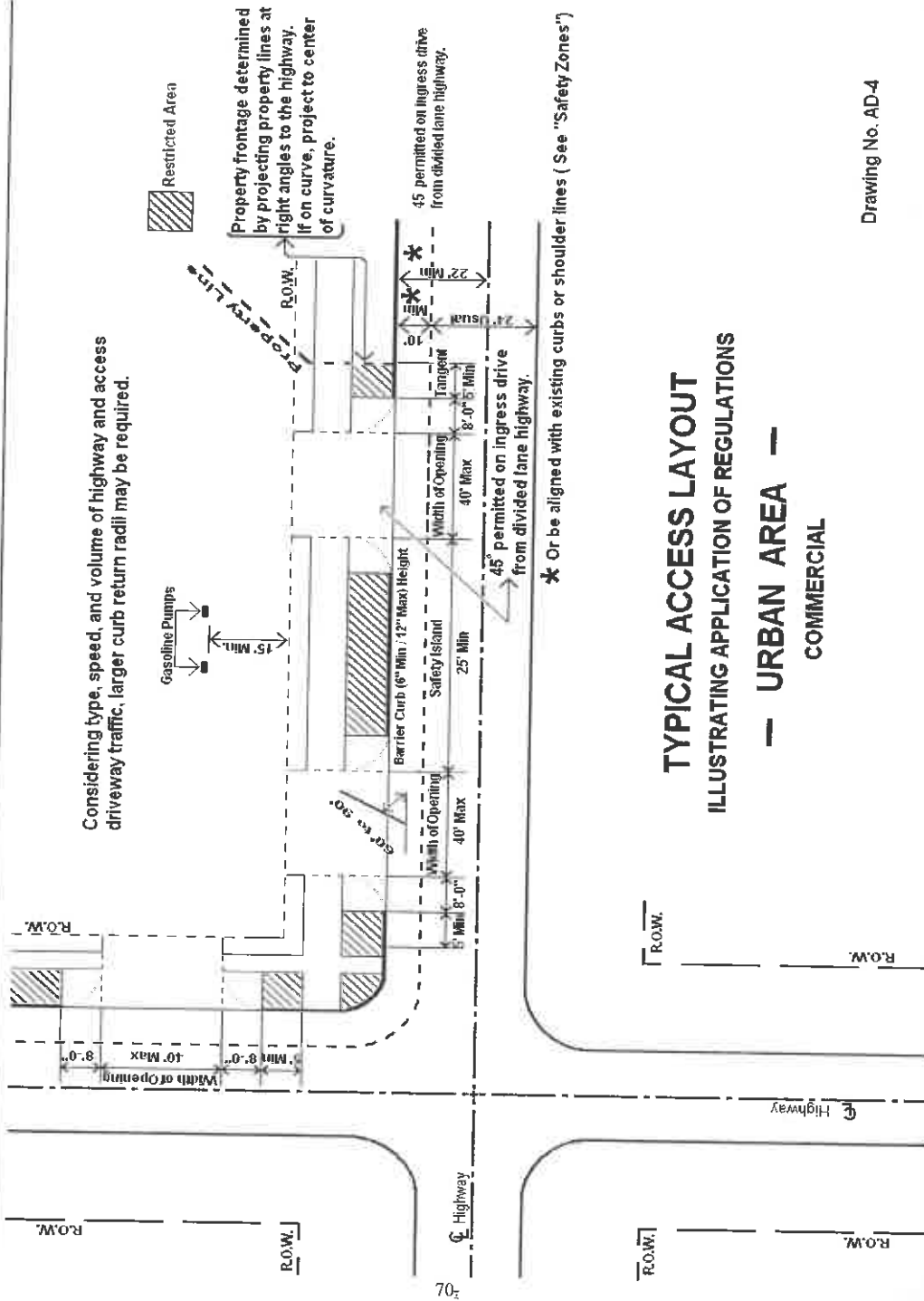
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69.

Considering type, speed, and volume of highway and access driveway traffic, larger curb return radii may be required.



# **TYPICAL ACCESS LAYOUT** **ILLUSTRATING APPLICATION OF REGULATIONS** **— URBAN AREA —** **COMMERCIAL**

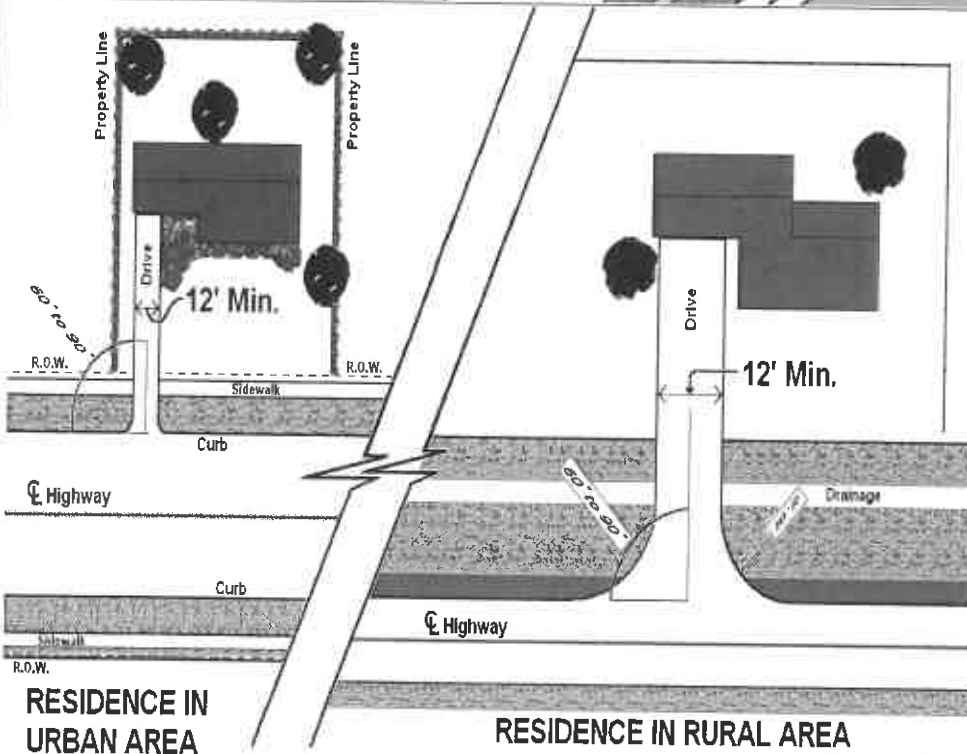
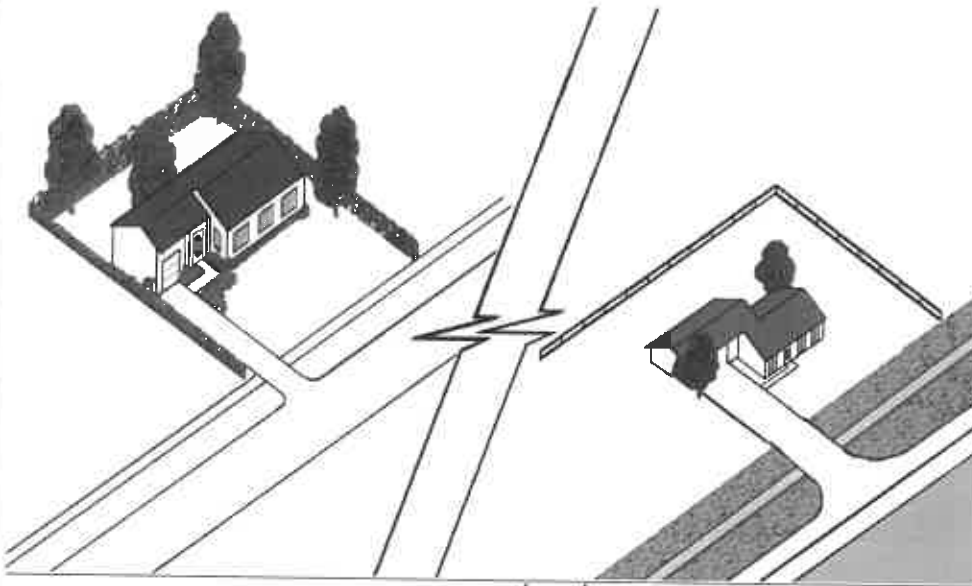
Drawing No. AD-4

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Drawing No. AD-5

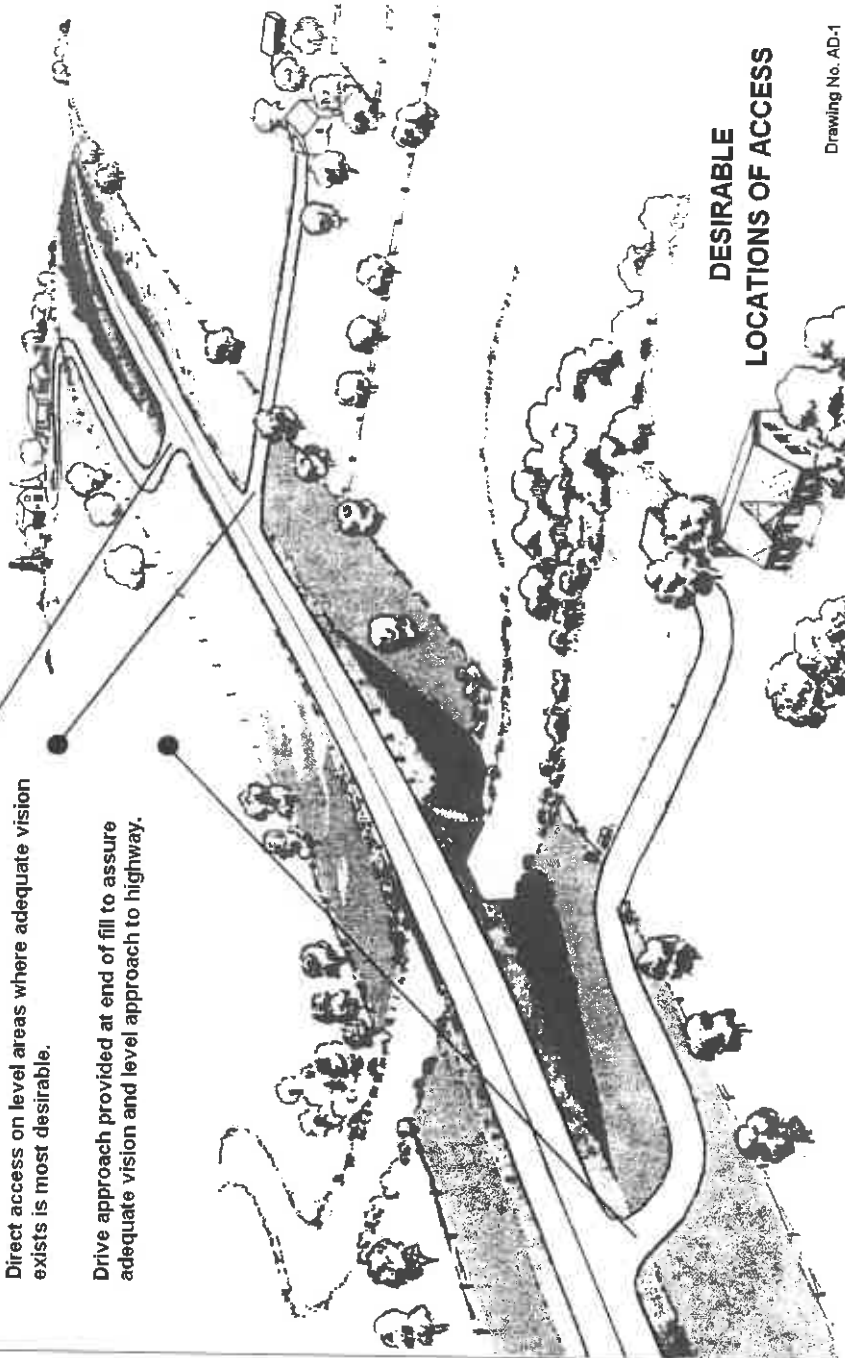
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Drive approach to highway provided at end of cut section giving a level approach with adequate vision.

Direct access on level areas where adequate vision exists is most desirable.

Drive approach provided at end of fill to assure adequate vision and level approach to highway.

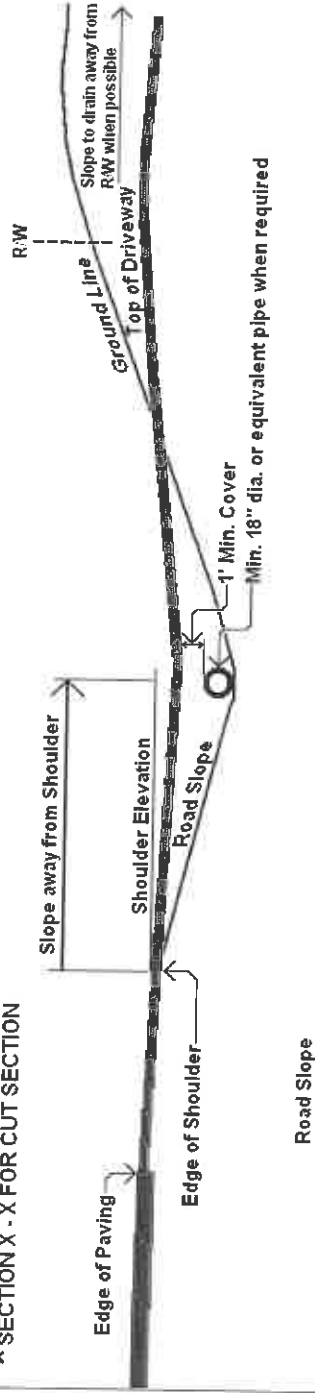


### DESIRABLE LOCATIONS OF ACCESS

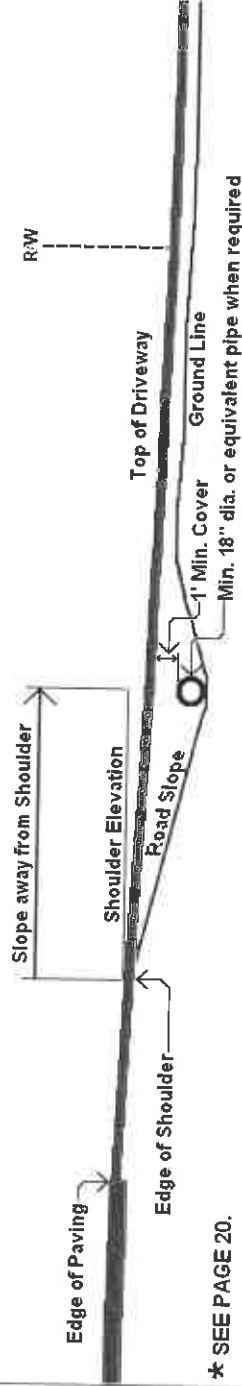
Drawing No. AD-1



\* SECTION X - X FOR CUT SECTION



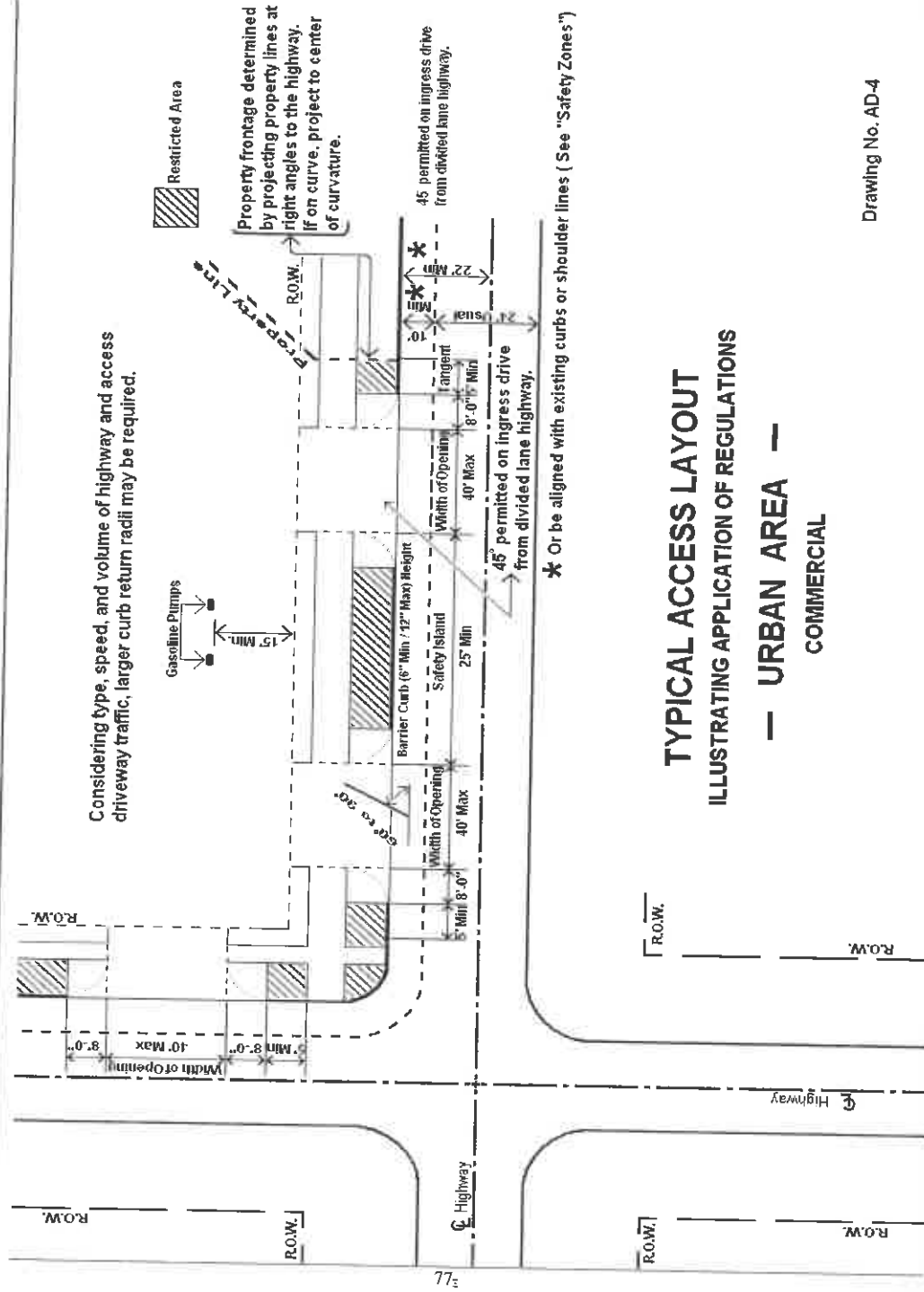
\* SECTION X - X FOR FILL SECTION



\* SEE PAGE 20.

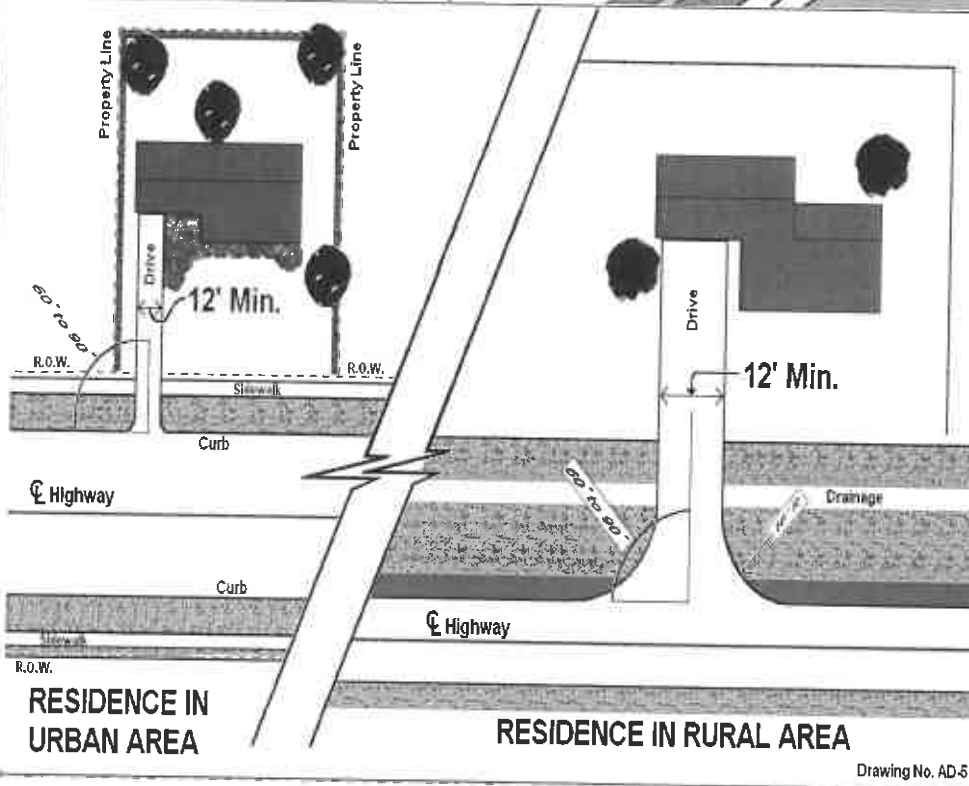
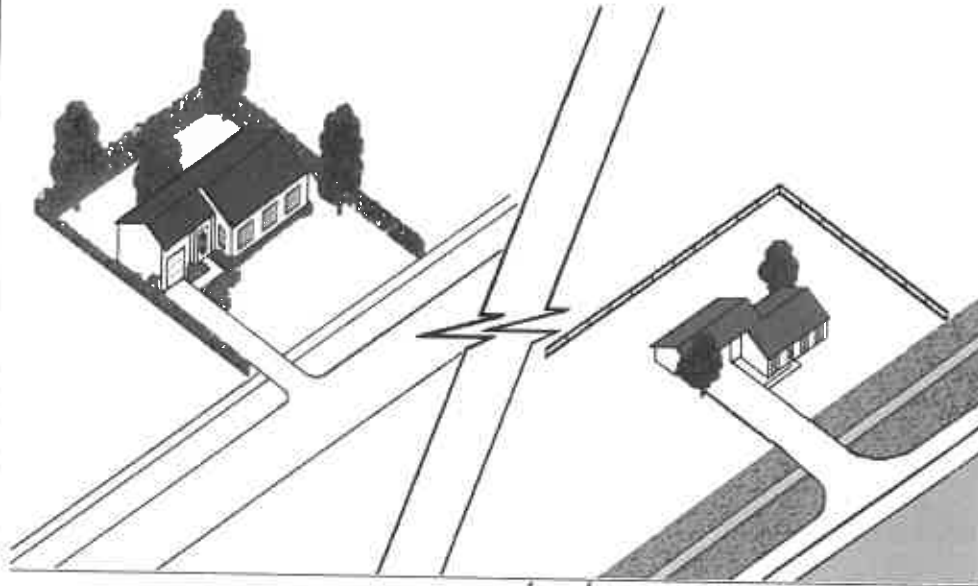
## DESIRABLE TYPICAL ELEVATION SECTIONS FOR DRIVEWAYS

Drawing No. AD-3



**TYPICAL ACCESS LAYOUT**  
**ILLUSTRATING APPLICATION OF REGULATIONS**  
**-- URBAN AREA --**  
**COMMERCIAL**

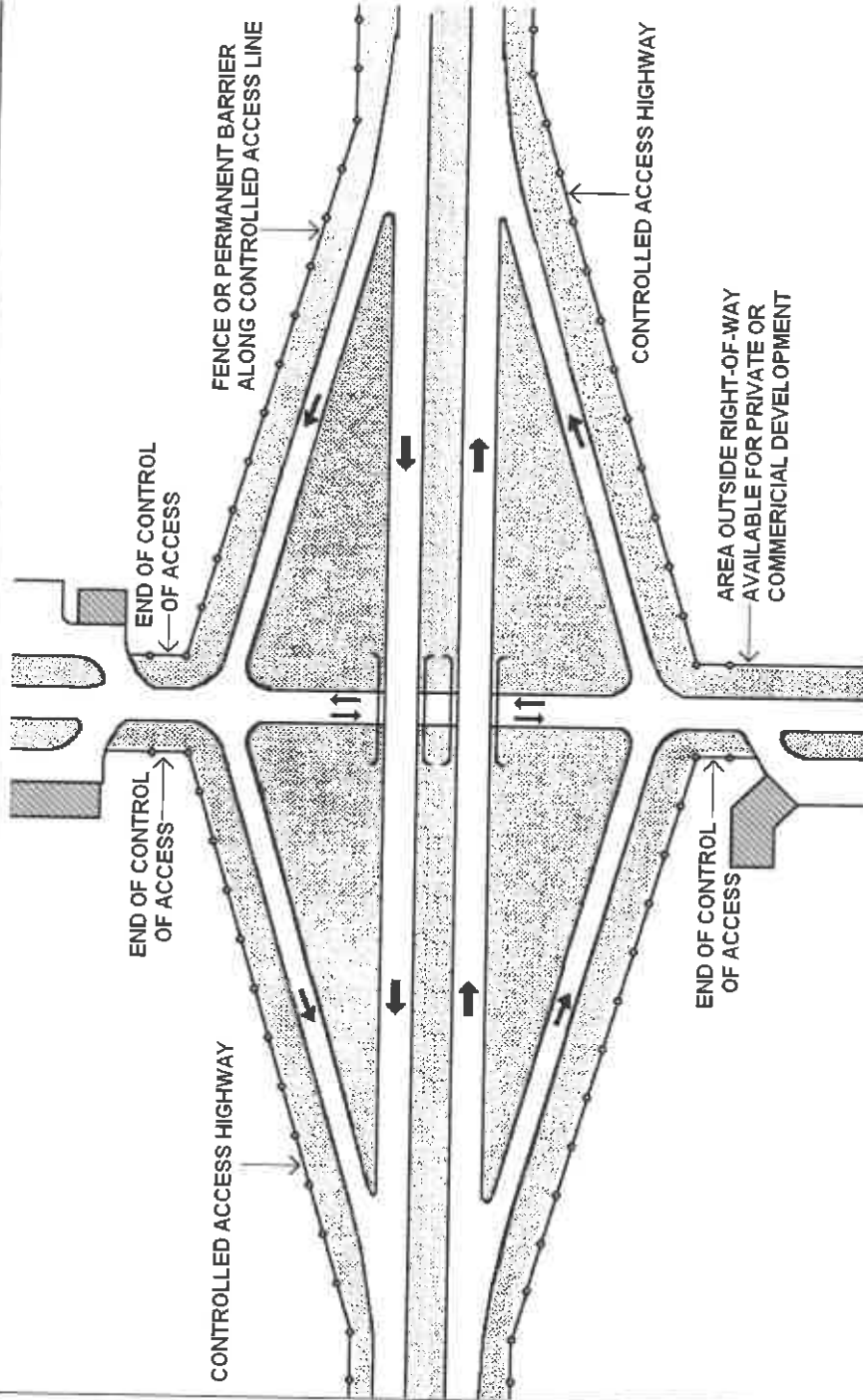
**Drawing No. AD-4**



Drawing No. AD-5

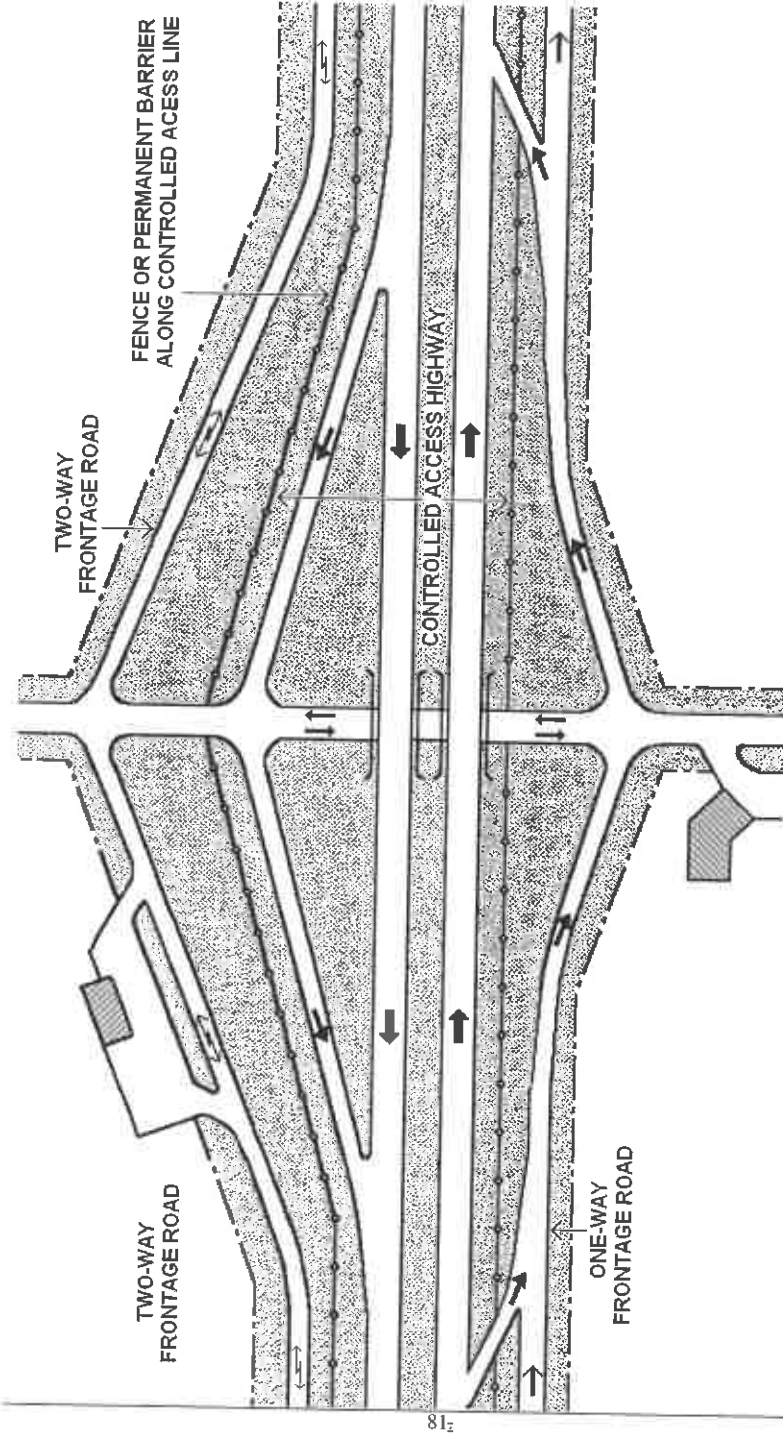
### **FULLY CONTROLLED ACCESS HIGHWAYS**

- | 10.1 Drawing Numbers AD-6 and AD-7 illustrate the limits of development with respect to fully controlled access highway ~~Right of Way~~right-of-way.
- | 10.2 Commercial areas may be developed along the cross roads adjacent to or near an interchange but beyond the limits of access control.
- | 10.3 When frontage roads are constructed along a fully controlled access highway, access from adjacent property may be permitted as specified on ~~previous pages~~heretofore.
- | 10.4 When frontage roads are not constructed, access to a fully controlled access highway will NOT be permitted under any circumstances.



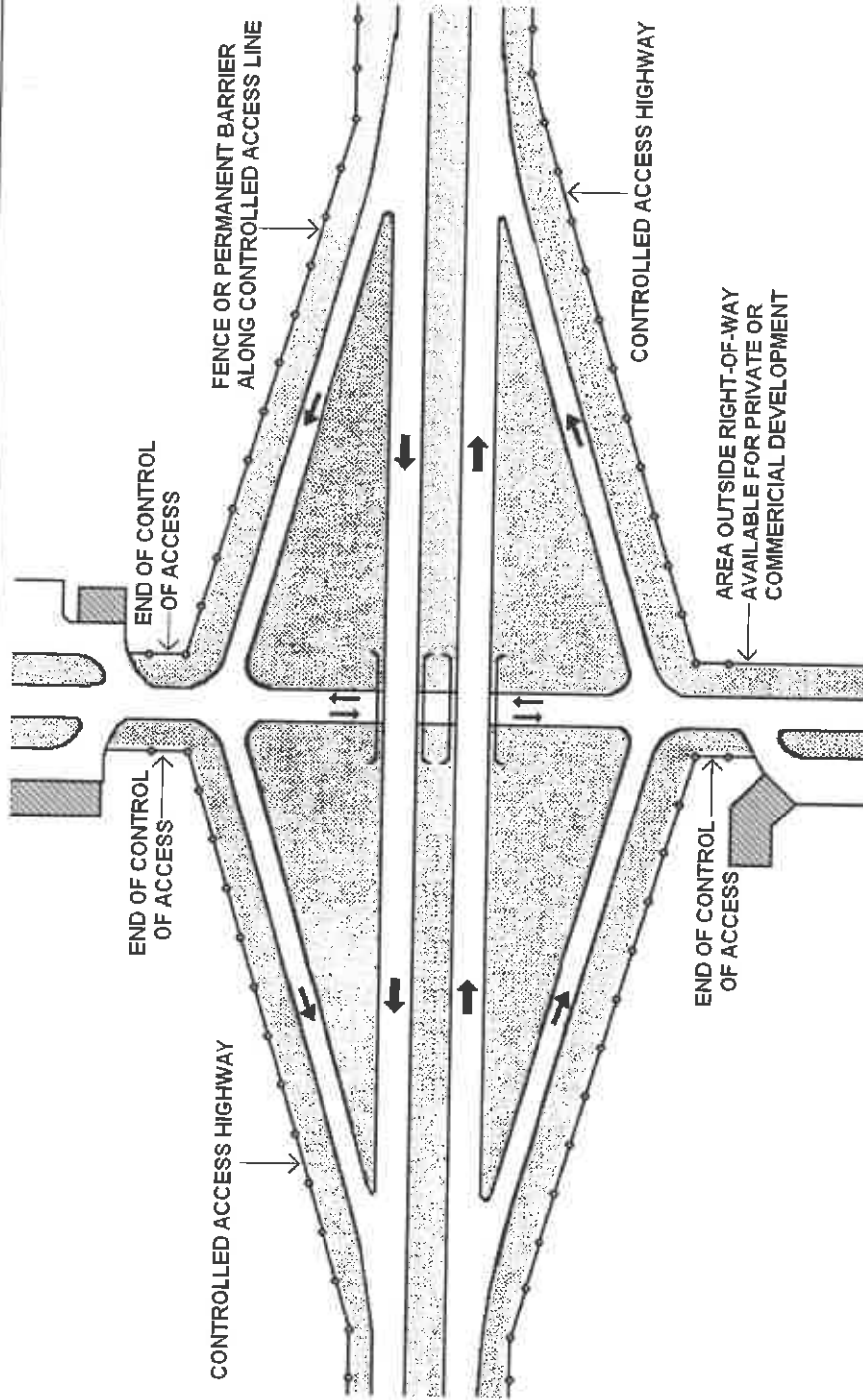
## CONTROLLED ACCESS HIGHWAY NO FRONTAGE ROAD

Drawing No. AD-6



# **CONTROLLED ACCESS HIGHWAY WITH FRONTAGE ROADS**

**SECTION**  
**25.**



# **CONTROLLED ACCESS HIGHWAY NO FRONTAGE ROAD**

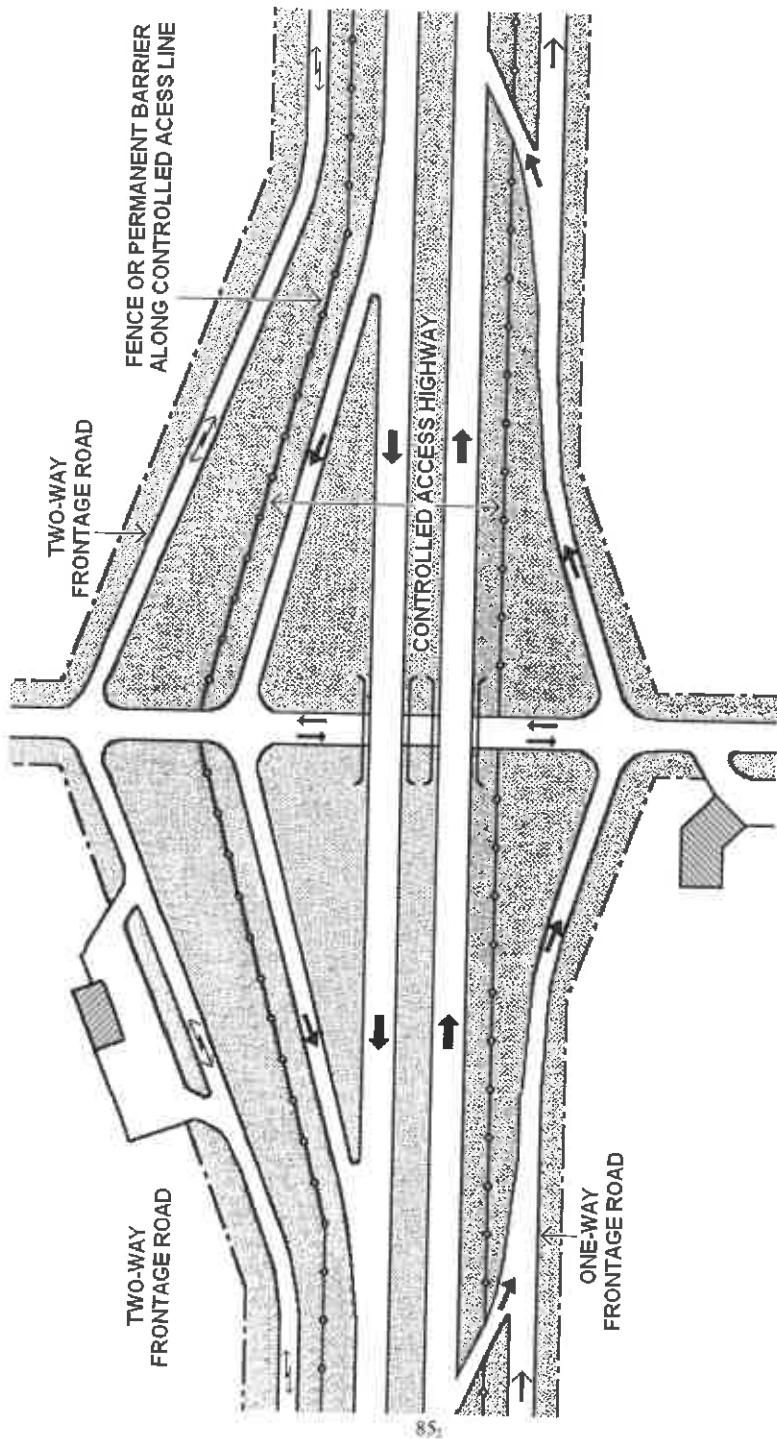
Drawing No. AD-6

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## CONTROLLED ACCESS HIGHWAY WITH FRONTAGE ROADS

Drawing AD - 7

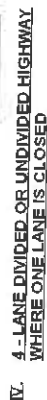


TO BE USED ON UNDIVIDED  
HIGHWAY ONLY

III. 2-LANE HIGHWAY WHERE ONE LANE IS CLOSED OR PARTIALLY BLOCKED

**CONC SPACING EQUAL IN FEET TO SPEED LIMIT**

\* NOT REQUIRED ON UNDIVIDED HIGHWAYS



**NOTES:**

1. If The Work Remains In Operation During Hours Of Darkness, Type II Baricades Or Drums Should Be Used In Lieu Of Cones. Lights Should Be Provided To Mark Fireman Stations And Baricades At Night.  
Taper Formula:  
$$L = S \times W \text{ for speeds of 45 mph or more}$$
$$L = W \times \frac{S^2}{80} \text{ for speeds of 40 mph or less}$$
Where:  
L = Minimum length of taper.  
S = Numerical value of posted speed limit.  
W = Width of offset.
- 2.
3. Warning Signs Shall Have A Black Symbol Or Message On An Orange Background.  
Sign Supports May Be Fixed Or Portable Depending Upon Time Duration Of Project.  
All Signaling Shall Be In Compliance With The Manual On Uniform Traffic Control Devices.
- 4.
- 5.
6. This Plan Is Subject To Modifications By The District Engineer.  
All Signs Shall Be ReflectORIZED As Per Sect. 604, AHTD Standard Specifications.  
The Desirable Size Of Warning Signs (Diamond-Shaped Signs) Is 48" X 48". The Minimum Size Is 36" X 36".
- 7.
- 8.
9. Supports For Signs, Baricades, And Vertical Panels Must Meet The Requirements Of The AASHTO Standard Specifications For Roadway Signs And Markings.

Requirements of NCHRP-350.

## TRAFFIC CONTROL FOR ACCESS DRIVEWAY CONSTRUCTION

**Drawing AD-8**

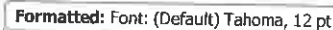
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## ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

Rev. 9-10-2002 CS  
Rev. 2/2008

## DRIVEWAY ACCESS PERMIT

☐ Permanent ☐ Temporary

Permit No. \_\_\_\_\_ DATE \_\_\_\_\_  
 DISTRICT NO. \_\_\_\_\_ COUNTY \_\_\_\_\_ ROUTE \_\_\_\_\_ SECTION \_\_\_\_\_ LOG MILE \_\_\_\_\_  
 \_\_\_\_\_ (Address) \_\_\_\_\_ (City, State and Zip Code)

Phone No. \_\_\_\_\_ hereinafter termed the applicant, request permission to construct a driveway(s) described and as shown on attached sketch or plan (if required), and hereby made a part of this application.

## DESCRIPTION

Commercial \_\_\_\_\_ Non-Commercial Driveway \_\_\_\_\_ feet wide on \_\_\_\_\_ side of \_\_\_\_\_ highway  
 right of way, approximately \_\_\_\_\_ miles \_\_\_\_\_ for the purpose of  
 providing ingress or egress to a \_\_\_\_\_ commercial / non-commercial establishment, give description  
 and providing drainage under said driveways by the installation of structures \_\_\_\_\_ size

Length \_\_\_\_\_ Type \_\_\_\_\_ to be located \_\_\_\_\_ feet from the edge of pavement. Right-of-way  
 width from the center line of the highway is \_\_\_\_\_ feet.

Highway surface \_\_\_\_\_ Width \_\_\_\_\_ Type \_\_\_\_\_ Proposed driveway surface \_\_\_\_\_ Width \_\_\_\_\_

\_\_\_\_\_ Type \_\_\_\_\_ subject to the restrictions and regulations contained in the "Regulations for Access Driveways to  
 (See attached sheet for minimum depth)  
 State Highways" as approved by the Arkansas State Highway Commission.

In consideration of these regulations, the applicant and the Arkansas State Highway and Transportation Department subscribe to the following agreement:

## AGREEMENT

1. The applicant is granted permission to construct a driveway(s) pursuant to the regulations of the Arkansas State Highway Commission. The Arkansas State Highway and Transportation Department waives none of its powers or rights to direct the removal, relocation and/or proper maintenance of any driveway within the right-of-way of a state highway.
2. All work will be performed in a neat and workmanlike manner, using materials acceptable to the District Engineer of the Arkansas State Highway and Transportation Department, and that the right-of-way will be cleaned up and left in a presentable condition upon completion of the described work.
3. The applicant will fully protect the traffic on the highway during construction covered hereunder by the proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, and to hold harmless and indemnify the Arkansas State Highway and Transportation Department, its officers and employees from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any person or property, due to construction, performance or non-performance of work, or existence of said driveway.

## ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

Rev: 9/10/2002, CS

Rev: 2/2008

## AGREEMENT (Continued)

4. The applicant shall be responsible for locating and protecting all utilities in the work area(s) and to hold harmless and indemnify the State Highway Commission, the Department and its duly appointed agents, officers and employees, from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any utilities due to the construction, performance, or non-performance of work.
5. The applicant is either the owner, duly authorized agent, or has the legal right to possession and control of the parcel of property adjacent to the right-of-way frontage within which the said proposed driveway(s) is to be constructed.
6. That no driveway shall be constructed such that there will be parking or servicing of vehicles on the highway right-of-way.
7. That the profile grade of driveways shall be constructed as indicated on the attached sketch or plan.
8. The installation of systems within the right-of-way for the watering of landscaping and grass is not permitted.
9. Deposit or surety bond in the amount of \$ \_\_\_\_\_ must be deposited with the District Engineer of the Arkansas State Highway and Transportation Department at \_\_\_\_\_ Arkansas before the permit for an access driveway to a commercial concern is issued. If the work is completed as specified, the deposit will be returned, but if the permit requirements are not met, the Arkansas State Highway and Transportation Department will revoke the permit, call for the deposit or bond and remove the driveway.
10. The applicant shall maintain all existing highway, street and county road regulatory, warning, guide and informational signs in an effective location at all times for the duration of the work and shall install them at the correct location upon completion of the work. Any signs damaged by the grantee shall be replaced at no cost to the state.
11. Mailbox support: If installing a new or replacement mailbox, the Department can provide detailed information on approved mailbox installations including supports, boxes, and mountings. The potential for disabling injury and the resulting civil action is reduced when mailboxes are installed using approved methods and materials that are designed with highway safety in mind. Remember, the mailbox owner may be held liable in case of collision.
12. The applicant is responsible for complying with all applicable local, state, and federal laws and regulations in the execution of permit work.
13. The applicant is responsible for assuring that sidewalks constructed on highway right-of-way are ADA Compliant. Maintenance of said sidewalks will be the responsibility of the City and/or applicant. The Arkansas Highway and Transportation Department will not be responsible for maintenance of sidewalks constructed as a part of this permit. Cross slope of walks and ramps shall not exceed 1:50 (2%).
14. The applicant shall undertake measures to avoid tracking of soil and mud from the work area on the highway and shall revegetate, in accordance with the Standard Specifications for Highway Construction, most recent edition, all area of disturbed soil, of any size, on the right of way. All projects with disturbed soil shall have an appropriate NPDES Permit as required by the Arkansas Department of Environmental Quality.

## SPECIAL PROVISIONS

Deposit \$ \_\_\_\_\_

Expiration Date \_\_\_\_\_

\_\_\_\_\_  
Applicant\_\_\_\_\_  
District Engineer\_\_\_\_\_  
Date

Original to District Engineer

One Copy to Applicant

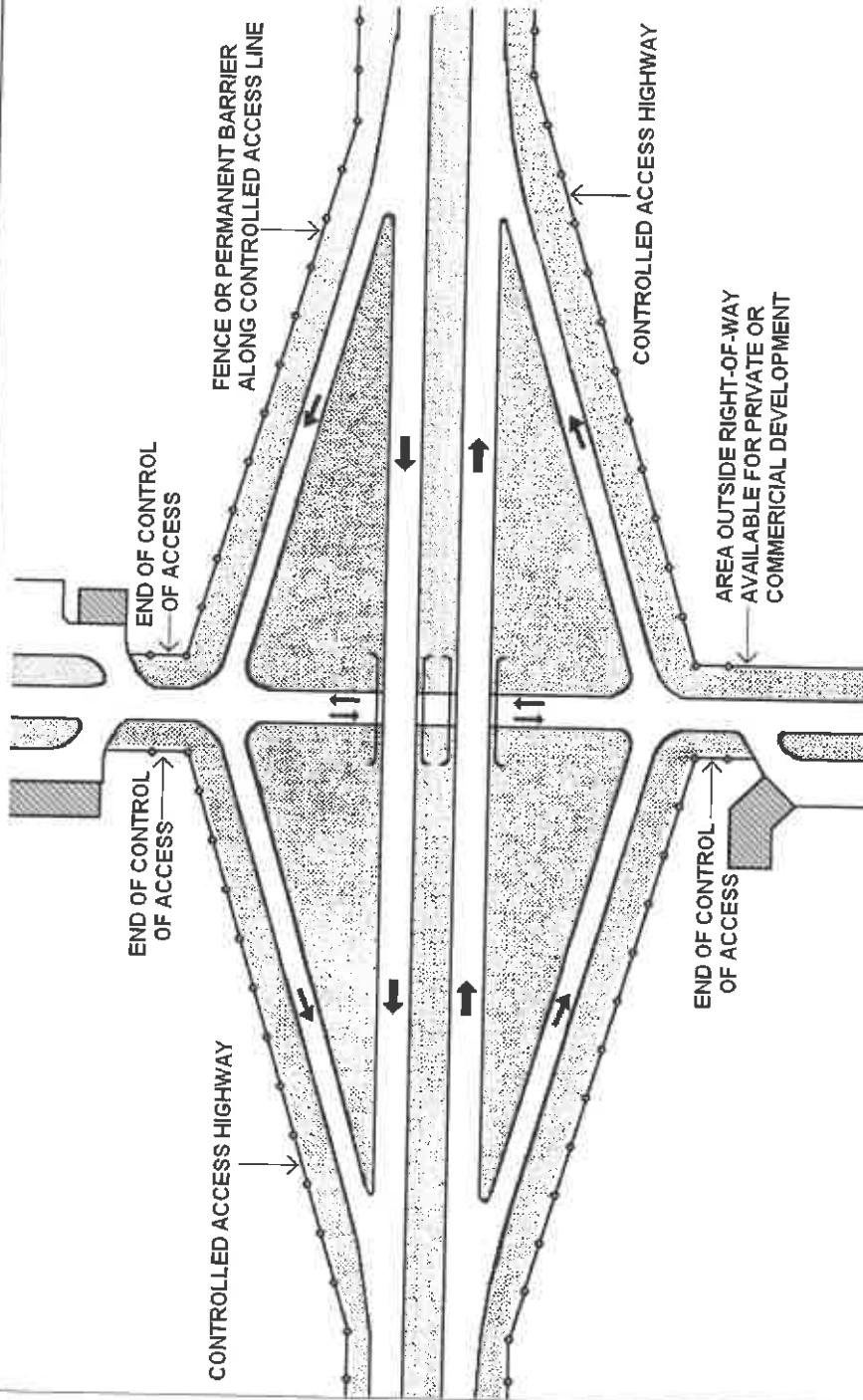
One Copy to Area Maintenance Supervisor

One Copy to Fiscal Services or Utilities

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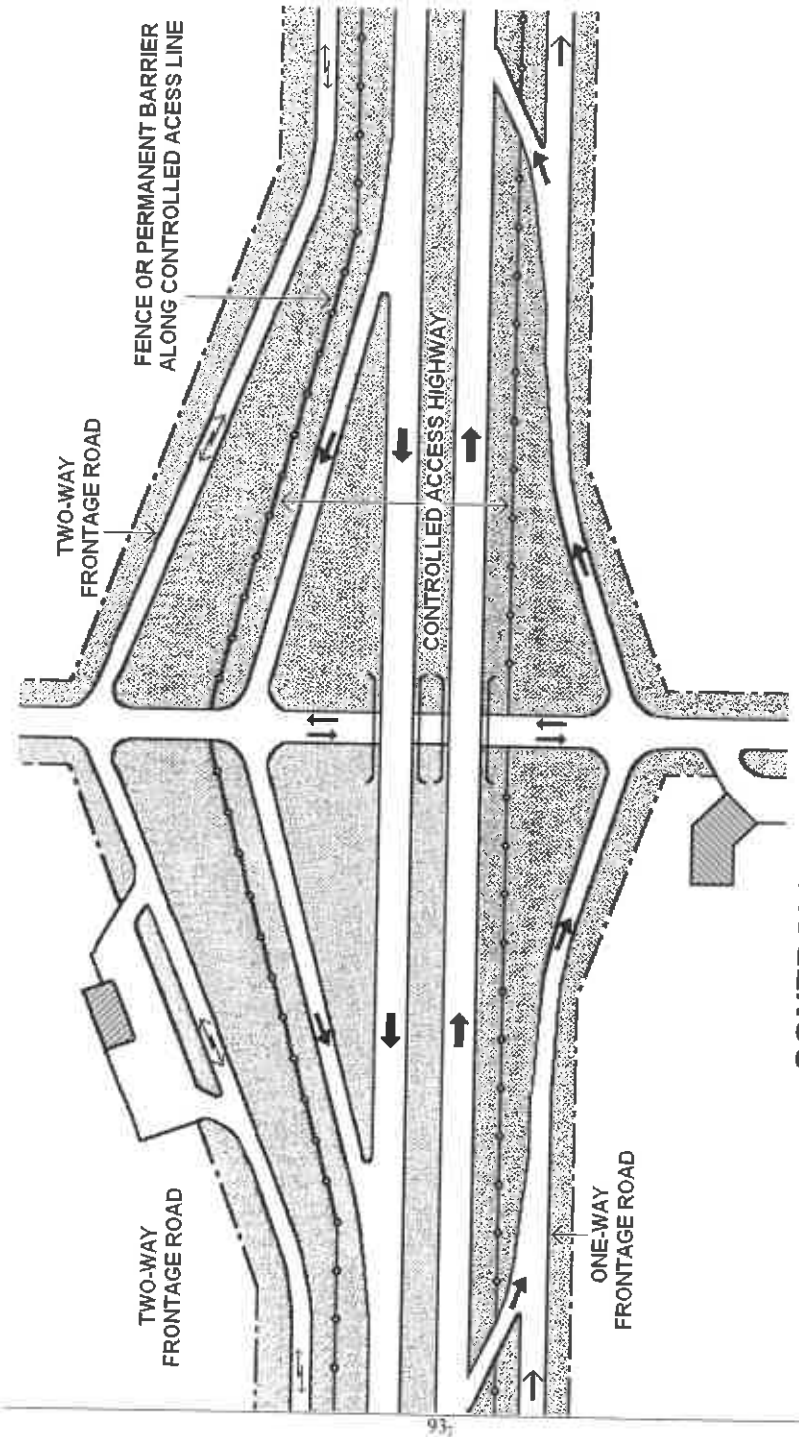
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**CONTROLLED ACCESS HIGHWAY  
NO FRONTAGE ROAD**

Drawing No. AD-6



**CONTROLLED ACCESS HIGHWAY  
WITH FRONTAGE ROADS**

Drawing AD - 7

## Section 11

### SAMPLE PERMIT

Form 19-200  
(Page 1 of 2)

## ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

Rev. 9/10/2002, CS  
Rev. 2/2008

### DRIVEWAY ACCESS PERMIT

☐ Permanent

☐ Temporary

Permit No. \_\_\_\_\_

DATE \_\_\_\_\_

DISTRICT NO. \_\_\_\_\_ COUNTY \_\_\_\_\_ ROUTE \_\_\_\_\_ SECTION \_\_\_\_\_ LOG MILE \_\_\_\_\_

DATE \_\_\_\_\_

(Address)

(City, State and Zip Code)

LOG MILE \_\_\_\_\_

Phone No. \_\_\_\_\_ hereinafter termed the applicant, request permission to construct a driveway(s) described and as shown on attached sketch or plan (if required), and hereby made a part of this application.

\_\_\_\_\_ and Zip Code)

#### DESCRIPTION

Commercial

Non-Commercial Driveway

\_\_\_\_\_ feet wide on

side of

\_\_\_\_\_ S.H./U.S. NO.

highway

right of way, approximately \_\_\_\_\_ miles

for the purpose of

if \_\_\_\_\_ highway

providing ingress or egress to a

commercial / non-commercial establishment, give description

for the purpose of

and providing drainage under said driveways by the installation of structures

size

ve description

Length

Type

to be located

\_\_\_\_\_ feet from the edge of pavement. Right-of-way

width from the center line of the highway is

\_\_\_\_\_ feet.

size

Highway surface

Width

Type

Proposed driveway surface

Width

of pavement Right-of-way

Type

subject to the restrictions and regulations contained in the "Regulations for Access Driveways to State Highways" as approved by the Arkansas State Highway Commission.

Width

In consideration of these regulations, the applicant and the Arkansas State Highway and Transportation Department subscribe to the following agreement:

ulations for Access Driveways to

#### AGREEMENT

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1. The applicant is granted permission to construct a driveway(s) pursuant to the regulations of the Arkansas State Highway Commission. The Arkansas State Highway and Transportation Department waives none of its powers or rights to direct the removal, relocation and/or proper maintenance of any driveway within the right-of-way of a state highway.
2. All work will be performed in a neat and workmanlike manner, using materials acceptable to the District Engineer of the Arkansas State Highway and Transportation Department, and that the right-of-way will be cleaned up and left in a presentable condition upon completion of the described work.
3. The applicant will fully protect the traffic on the highway during construction covered hereunder by the proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices, and to hold harmless and indemnify the Arkansas State Highway and Transportation Department, its officers and employees from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any person or property, due to construction, performance or non-performance of work, or existence of said driveway.

Arkansas State Highway  
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Rev. 9/10/2002, CS

PARTMENT Rev. 2/2008

## ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

Rev. 9/10/2002, C.S.

Rev. 2/2008

## AGREEMENT (Continued)

4. The applicant shall be responsible for locating and protecting all utilities in the work area(s) and to hold harmless and indemnify the State Highway Commission, the Department and its duly appointed agents, officers and employees, from all damages, expenses, claims or liability arising out of any alleged damages of any nature to any utilities due to the construction, performance, or non-performance of work.
5. The applicant is either the owner, duly authorized agent, or has the legal right to possession and control of the parcel of property adjacent to the right-of-way frontage within which the said proposed driveway(s) is to be constructed.
6. That no driveway shall be constructed such that there will be parking or servicing of vehicles on the highway right-of-way.
7. That the profile grade of driveways shall be constructed as indicated on the attached sketch or plan.
8. The installation of systems within the right-of-way for the watering of landscaping and grass is not permitted.
9. Deposit or surety bond in the amount of \$ \_\_\_\_\_ must be deposited with the District Engineer of the Arkansas State Highway and Transportation Department at \_\_\_\_\_ Arkansas before the permit for an access driveway to a commercial concern is issued. If the work is completed as specified, the deposit will be returned, but if the permit requirements are not met, the Arkansas State Highway and Transportation Department will revoke the permit, call for the deposit or bond and remove the driveway.
10. The applicant shall maintain all existing highway, street and county road regulatory, warning, guide and informational signs in an effective location at all times for the duration of the work and shall install them at the correct location upon completion of the work. Any signs damaged by the grantee shall be replaced at no cost to the state.
11. Mailbox support: If installing a new or replacement mailbox, the Department can provide detailed information on approved mailbox installations including supports, boxes, and mountings. The potential for disabling injury and the resulting civil action is reduced when mailboxes are installed using approved methods and materials that are designed with highway safety in mind. Remember, the mailbox owner may be held liable in case of collision.
12. The applicant is responsible for complying with all applicable local, state, and federal laws and regulations in the execution of permit work.
13. The applicant is responsible for assuring that sidewalks constructed on highway right-of-way are ADA Compliant. Maintenance of said sidewalks will be the responsibility of the City and/or applicant. The Arkansas Highway and Transportation Department will not be responsible for maintenance of sidewalks constructed as a part of this permit. Cross slope of walks and ramps shall not exceed 1:50 (2%).
14. The applicant shall undertake measures to avoid tracking of soil and mud from the work area on the highway and shall revegetate, in accordance with the Standard Specifications for Highway Construction, most recent edition, all area of disturbed soil, of any size, on the right of way. All projects with disturbed soil shall have an appropriate NPDES Permit as required by the Arkansas Department of Environmental Quality.

## SPECIAL PROVISIONS

Deposit \$ \_\_\_\_\_

Expiration Date \_\_\_\_\_

\_\_\_\_\_  
Applicant\_\_\_\_\_  
District Engineer\_\_\_\_\_  
Date

Original to District Engineer  
 One Copy to Applicant  
 One Copy to Area Maintenance Supervisor  
 One Copy to Fiscal Services or Utilities

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## ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

Rev. 9/10/2002, CS

Rev. 2/2008

## AGREEMENT (Continued)

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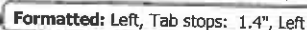
Expiration Date \_\_\_\_\_

\_\_\_\_\_  
Applicant\_\_\_\_\_  
District Engineer\_\_\_\_\_  
Date

Original to District Engineer  
 One Copy to Applicant  
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**SAMPLE  
PERMIT STANDARD  
DRAWING DR-1**



**Drawing A1**

## TRAFFIC CONTROL FOR ACCESS DRIVEWAY CONSTRUCTION

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

Rev. 9/10/2001, CS  
Rev. 2/2008

DRIVEWAY ACCESS PERMIT

☐ Permanent ☐ Temporary

Permit No. \_\_\_\_\_ DATE \_\_\_\_\_  
DISTRICT NO. \_\_\_\_\_ COUNTY \_\_\_\_\_ ROUTE \_\_\_\_\_ SECTION \_\_\_\_\_ LOG MILE \_\_\_\_\_  
\_\_\_\_\_  
(Address) (City, State and Zip Code)

Phone No. \_\_\_\_\_ hereinafter termed the applicant, request permission to construct a driveway(s)  
described and as shown on attached sketch or plan (if required), and hereby made a part of this application

DESCRIPTION

Commercial Non-Commercial Driveway \_\_\_\_\_ feet wide on \_\_\_\_\_ side of \_\_\_\_\_ highway  
right of way, approximately \_\_\_\_\_ miles \_\_\_\_\_ SH U.S. NO. \_\_\_\_\_  
for the purpose of \_\_\_\_\_

providing ingress or egress to a \_\_\_\_\_

commercial / non-commercial establishment, give description \_\_\_\_\_  
and providing drainage under said driveways by the installation of structures \_\_\_\_\_ size \_\_\_\_\_

Length \_\_\_\_\_ Type \_\_\_\_\_ to be located \_\_\_\_\_ feet from the edge of pavement Right-of-way  
width from the center line of the highway is \_\_\_\_\_ feet.

Highway surface \_\_\_\_\_ Width \_\_\_\_\_ Type \_\_\_\_\_ Proposed driveway surface \_\_\_\_\_ Width \_\_\_\_\_

\_\_\_\_\_ Type \_\_\_\_\_ subject to the restrictions and regulations contained in the "Regulations for Access Driveways to  
(See attached sheet for minimum depth)  
State Highways" as approved by the Arkansas State Highway Commission.

In consideration of these regulations, the applicant and the Arkansas State Highway and Transportation Department subscribe  
to the following agreement:

AGREEMENT

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DRIVEWAY ACCESS PERMIT

AGREEMENT (Continued)

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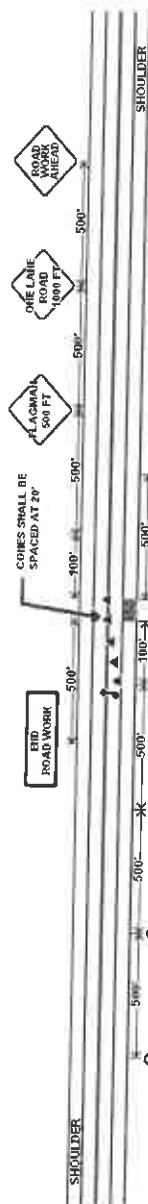
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## Section 12

### I. NO WORK ON ROADWAY - No Traffic Control Required



### II. WORK ON SHOULDER



### III. 2-LANE HIGHWAY WHERE ONE LANE IS CLOSED OR PARTIALLY BLOCKED



\* NOT REQUIRED ON UNDIVIDED HIGHWAYS

CONES SPACING EQUAL IN FEET TO SPEED LIMIT



#### NOTES:

1. If The Work Remains In Operation During Hours Of Darkness, Traffic Control Devices Or Drums Should Be Used In Lieu Of Cones. Lights Should Be Provided To Mark Flagger Stations And Baricades At Night.
2. Taper Formula:  

$$L = S \times W$$

Where:  
 $L$  = Minimum length of taper.  
 $S$  = Numerical value of posted speed limit.  
 $W$  = Width of offset.
3. Warning Signs Shall Have A Black Symbol Or Message On An Orange Background.
4. Sign Supports May Be Fixed Or Portable Depending Upon Time Duration Of Project.
5. All Signaling Shall Be In Compliance With The Manual On Uniform Traffic Control Devices.
6. This Plan Is Subject To Modifications By The District Engineer.
7. All Signs Shall Be ReflectORIZED As Per Sect. 604, AHTD Standard Specifications.
8. The Desirable Size Of Warning Signs (Diamond-Shaped Signs) Is 48" X 48". The Minimum Size Is 36" X 36".
9. Supports For Signs, Baricades, And Vertical Panels Must Meet The Requirements Of NCHRP-390.

- KEY
- ▲ FLAGMAN
  - ▲ TRAFFIC CONE
  - VERTICAL PANEL DRUM OR BARICADE

## TRAFFIC CONTROL FOR ACCESS DRIVEWAY CONSTRUCTION

Drawing AD-8

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## Section 13

